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WHOLESALE QUALITY SERVICE



**THE RED BOOK
OF THE
CAREFUL BUYER**

BLUMENTHAL BROS.

115-117 WEST LAKE ST.

CHICAGO

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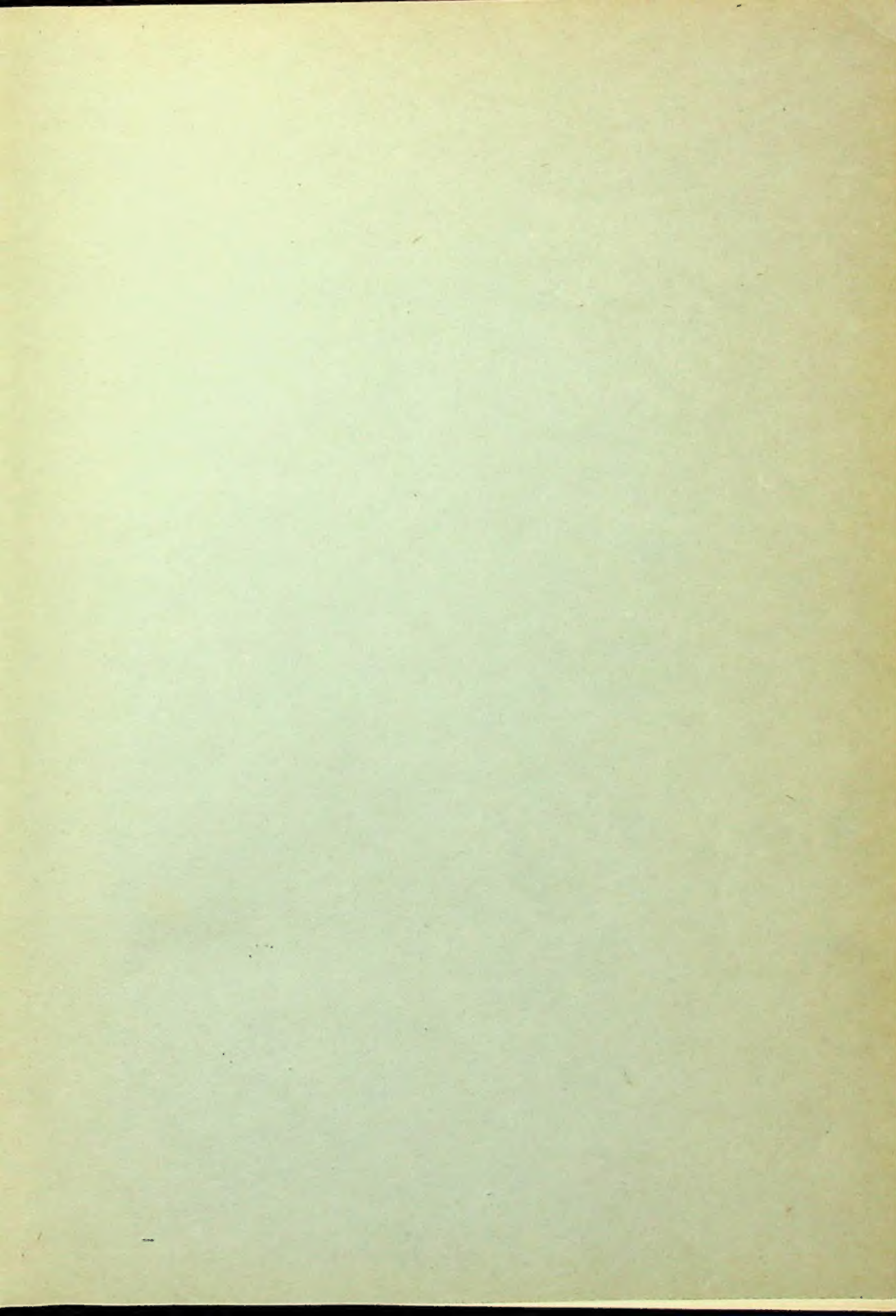


UNITED STATES PATENT OFFICE

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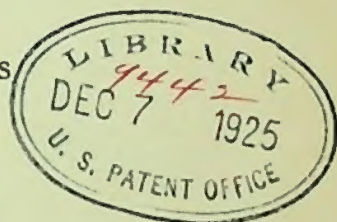
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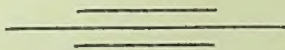




EXCLUSIVE DISTRIBUTORS
OF



Automobile Upholstery Materials
Auto Top and Body Hardware
Limousine Mountings



115-117 WEST LAKE STREET
CHICAGO, ILL.

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Please Observe the Following to Avoid Mistakes and Delays:

TERMS

Unless otherwise specified, our terms are 30 days net, or 2% discount on all accounts paid by the 10th of month succeeding purchase.

All goods sold F. O. B. Chicago, unless otherwise specified.

CLAIMS

When we deliver goods to Railroad Company, and take their receipt in good order, our responsibility ceases.

Make all claims for breakage or loss on carrying company. Claims for overcharge or shortage should be made within 10 days after receipt of goods.

We are not responsible for goods ordered to be delivered to messengers, nor for shipment to station where there is no agent. All such deliveries at buyer's risk.

BACK ORDERS

We aim to fill orders at one shipment. When this is not possible, we send a back order memorandum and request customers to advise us if they do not wish last order shipped. Unless we receive such notice, we ship as soon as the goods come in.

RETURNED GOODS

Customers wishing to return goods will first write us, giving date of purchase. Upon receipt of this we will give shipping directions.

BLUMENTHAL BROTHERS

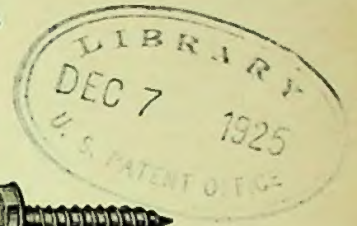
"Lift the Dot" Curtain Fasteners



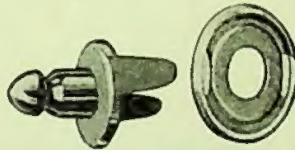
No. 654
Octagon Base



No. 852
Hexagon Base



No. 654—Single, complete.....	per hundred, \$ 6.30
No. 655—Double, complete	per hundred, 10.30
No. 852—Single, complete	per hundred, 6.30
No. 853—Double, complete	per hundred, 10.30
No. 854—Triple, complete	per hundred, 13.00



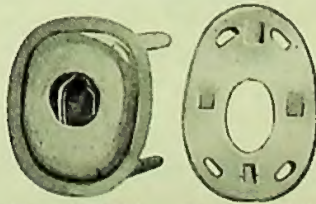
Two Prong Clinch

No. 895—Single, complete	per hundred, \$ 6.50
No. 896—Double, complete	per hundred, 10.50

Complete with Full Nickel or Black Nickel
No. 608-708A—Sockets and Plates

Standard Type

Socket Clinch Plate



No. N608 No. 708A

No. 608-708A—Standard Type	per hundred, \$ 4.10
No. 609-708A—Long Prong Socket	per hundred, 4.50

"Lift the Dot" Curtain Fasteners



Hexagon Base Machine Screw
(Nos. 8-32 and 10-32 Thread)
For Windshields, etc.

No. 882—Single, complete 1/4-inch thread.....	per hundred, \$ 7.00
No. 883—Double, complete 1/4-inch thread.....	per hundred, 10.50



Small Hexagon Base Machine Screw
(No. 8-32 Thread)

No. 680—Single, complete:	
1/4-inch thread	per hundred, \$ 6.00
1 1/8-inch thread	per hundred, 8.00
No. 681—Double, complete:	
1/4-inch thread	per hundred, \$10.00
5/8-inch thread	per hundred, 10.50
Square Tapped Nuts, for above.....	per hundred, 1.50



Small Hexagon Base
Tapped for No. 6-32 Machine Screw

No. 846—Single, complete	per hundred, \$ 6.50
No. 946—Double, complete	per hundred, 10.50
No. 6-32—Machine Screws, for above.....	per gross, 3.00



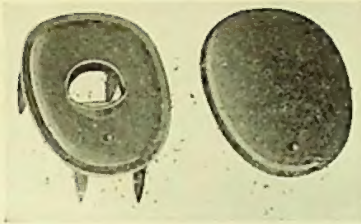
Slotted Head
No. 8-32 Thread

No. 280—Complete:	
1/4-inch thread	per hundred, \$ 6.00
1 1/8-inch thread	per hundred, 8.00
No. 281—Complete:	
1/4-inch thread	per hundred, \$10.00
5/8-inch thread	per hundred, 10.50

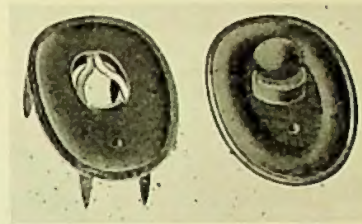
"Lift the Dot" Curtain Fasteners

Turtle-Back Sockets and Plates

Black Nickel



No. 1010. No. 718-A.



No. 1110-B. No. 1110.

No. 1010—718-A—Socket and Plate.....	per hundred, \$	9.00
No. 1110—1110-B—Socket and Plate	per hundred,	9.00

"LIFT THE DOT"

Hand Tools



No. 151.



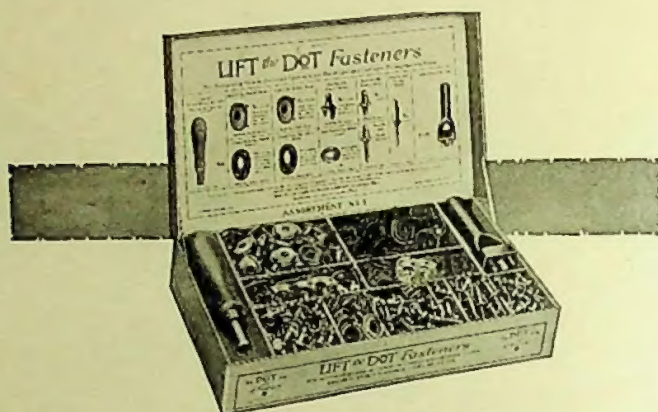
No. 169.



No. C9-2.

No. 151—Eyelet Punch	each, \$	2.25
No. 169—Screw Driver, Hexagon Base Studs.....	each,	1.25
No. 169—Screw Driver, Octagon Base Studs	each,	1.25
No. C9-2—Yankee Screw Driver:		
For Hexagon Base Studs.....	each,	1.25
No. C9-2—Yankee Screw Driver:		
For Octagon Base Studs.....	each,	1.25

Assortment No. 1—"Lift the Dot" Fasteners



A Handy Repair and Resale Package containing the popular assortment of "Lift the Dot" standard automobile curtain fasteners most frequently used.

There are just a sufficient number of each type in this assortment to make the package truly welcome—it is economical to handle, requires little outlay of money for the stock, and gives a liberal profit.

Contents of "Lift the Dot" Assortment No. 1

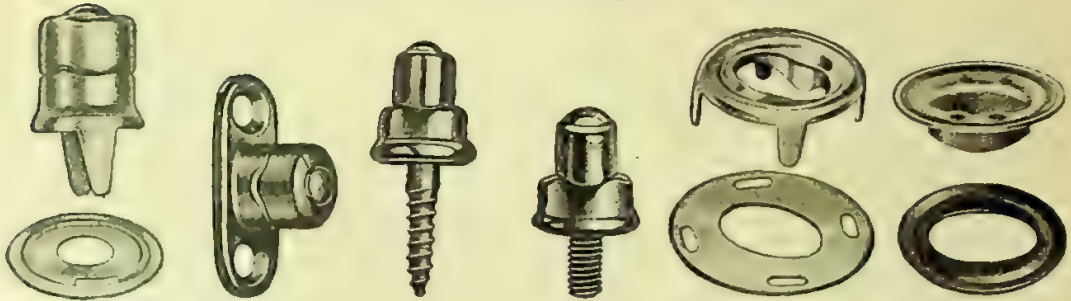
This assortment box contains only the standard items most frequently used, and every one is a ready seller. A set of hand tools is also included in every package—one for use in screwing in the hexagon base screw studs, and the other for cutting the holes for the socket. The quantities in the assortment are:

- 75 "Lift the Dot" sockets No. 608 nickel.
- 75 "Lift the Dot" clinch plates No. 708A nickel.
- 75 "Lift the Dot" sockets No. 608 black.
- 75 "Lift the Dot" clinch plates No. 708A black.
- 75 "Lift the Dot" studs No. 852 nickel.
- 25 "Lift the Dot" studs No. 853 nickel.
- 50 "Lift the Dot" studs No. 895 nickel.
- 50 "Lift the Dot" plates No. 295A nickel.
- 25 "Lift the Dot" studs No. 882 $\frac{1}{4}$ x8/32 nickel.
- 1 "Lift the Dot" punch No. 151 for cutting hole for the socket.
- 1 "Lift the dot" set tool No. 169-852 for screwing in studs Nos. 852, 853, 882.

Price of Complete Package, Assortment No. 1.....\$24.00

"Burco" Curtain Fasteners

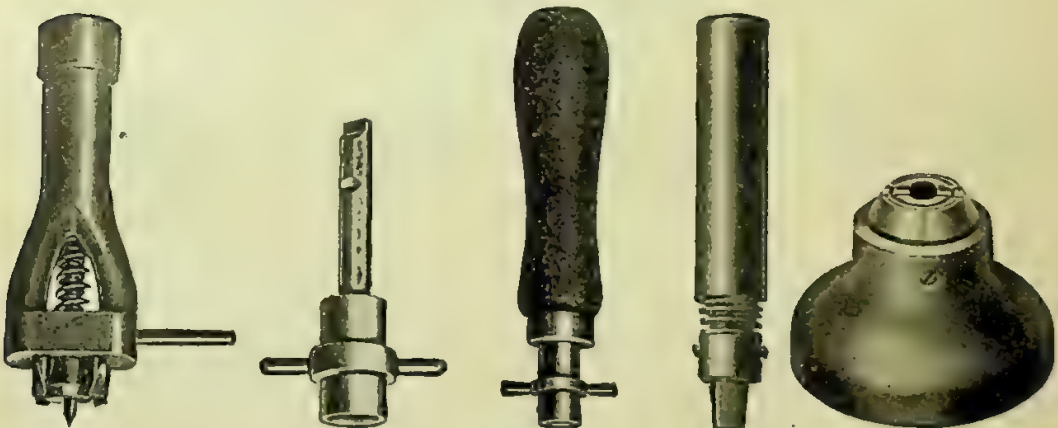
Turn Button
Nickel Plated—Stamped Brass



No. A-109. No. A-18. No. A-111. No. A-113. No. C-158 No. C-172.
No. A-110. No. A-19. No. A-112. No. A-114. Eyelet.

No. A- 18—Single, complete	per hundred,	\$ 6.00
No. A- 19—Double, complete	per hundred,	7.25
No. A-109—Single, complete	per hundred,	6.00
No. A-110—Double, complete	per hundred,	7.25
No. A-111—Single, complete	per hundred,	7.00
No. A-112—Double, complete	per hundred,	8.00
No. A-113—Single, 5/16x8/32 Screw, complete.....	per hundred,	6.50
No. A-114—Double, 5/16x8/32 Screw, complete.....	per hundred,	8.00
No. A-126—Single, 5/16x10/32 Screw, complete.....	per hundred,	6.50
No. A-127—Double, 5/16x10/32 Screw, complete.....	per hundred,	8.00
No. C-158—Eyelet and Washer.....	per hundred,	1.50
No. C-172—Eyelet and Washer.....	per hundred,	1.75

"Burco" Fastener Hand Tools



No. A-198. No. A-184. No. A-60. No. A-39-14.

No. A-198—Eyelet Punch	each,	\$ 4.00
No. A- 60—Screw Driver	each,	4.00
No. A-184—Yankee Screw Driver.....	each,	4.00
No. A- 39-14—Grommet Set and Die.....	each,	15.00

"Cinch" Curtain Fasteners

Nickel Finish



No. 12.
No. 22.



No. 13.
No. 23.



Machine Screw, 8/32 Thread
No. 15.
No. 25.

No. 12—Single, complete	per gross, \$ 9.00
No. 22—Double, complete	per gross, 12.00
No. 13—Single, complete	per gross, 9.00
No. 23—Double, complete	per gross, 12.00
No. 15—Single, complete	per gross, 9.00
No. 25—Double, complete	per gross, 12.00



Machine Screw,
10/32 Thread
No. 16.
No. 26.



Tapped Shank,
10/32 Thread
No. 19.
No. 29.



No. 00 Eyelet.
No. 98 Washer.



No. 0 Eyelet.
No. 100 Washer.

No. 16—Single, complete	per gross, \$ 9.00
No. 26—Double, complete	per gross, 12.00
No. 19—Single, complete	per gross, 9.00
No. 29—Double, complete	per gross, 12.00
No. 00—Eyelet and Washer	per gross, 2.75
No. 0—Eyelet and Washer	per gross, 2.70



No. 50-60



No. 65



No. 61



No. 64

No. 50—Fastener with No. 60 Washer	per gross, \$12.00
No. 65—Machine Screw Socket	per gross, 13.00
No. 64—Wood Screw Socket	per gross, 9.00
No. 61—Drive Fit Socket	per gross, 13.00



Top View Nos. 64 and 65 Socket

For Cinch Fastener Hand Tools, see Page No. 10.

Cinch Curtain Fastener Assortment

Assortment No. 1 Cinch Fasteners

No. 1—Service Kiteach, \$6.00

Contains an assortment of Cinch Fasteners and necessary tools as follows:

24 No.	13	Single Wood Screw
12 No.	23	Double Wood Screw
12 No.	16 $\frac{3}{8}$	Single Machine Screw
6 No.	26 $\frac{3}{8}$	Double Machine Screw
12 No.	19	Windshield Studs
72 No.	00	Eyelets
72 No.	98	Washers
1 No.	1000	Eyelet Tool
1 No.	1300	Hand Socket Wrench



Assortment No. 2 Flush Type Fasteners

No. 2—Service Kiteach, \$6.00

Contains an assortment of Flush Type Fasteners and necessary tools as follows:

12 No.	50	Fasteners	White Nickel
12 No.	50	Fasteners	Black Nickel
12 No.	64	Sockets	White Nickel
12 No.	64	Sockets	Black Nickel
12 No.	60	Washers	White Nickel
12 No.	60	Washers	Black Nickel
6 No.	65	Sockets	White Nickel
1 No.	1500	Tool	
1 No.	1360	Hand Socket Wrench	

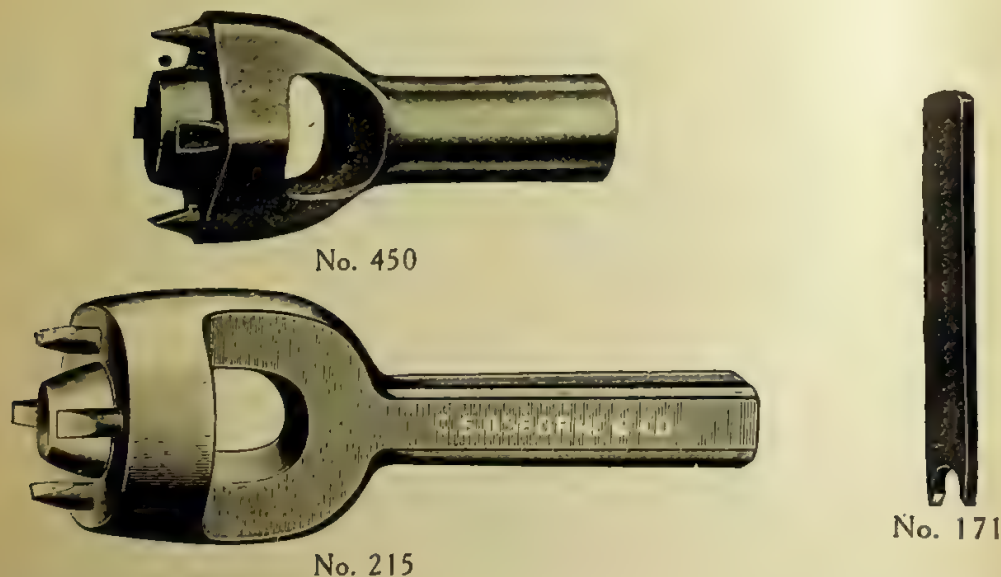
Cinch Curtain Fastener

Hand Tools.



No. 50	Tool and Base	each,	\$1.50
No. 00	Eyelet Tool, for No. 00 Eyelet	each,	1.50
No. 200	Clincher Tool, for No. 12 and No. 22	each,	.90
No. 300	Socket Wrench, for Hexagon Base	each,	1.50
No. 3801	Hand Wrench, for Hexagon Base	each,	1.50
No. 3501	Socket Wrench for Nos. 65 and 64 Socket	each,	.90

Common Sense Fastener Tools



No. 450	Malleable Iron	each,	\$3.50
No. 215	Forged Steel	each,	7.00
No. 171	Punch for Clinch Type	each,	2.00

Common Sense Curtain Fasteners

Stamped Base.



Single
No. 401



Single
No. 404



Single
No. 410

	Japan on Brass	Nickel on Brass	Japan on Steel	
No. 401—Single	\$ 6.50	\$ 6.50	\$5.00	per hundred
No. 402—Double	8.50	8.50	6.50	per hundred
No. 403—Triple	13.00	13.00		per hundred
No. 404—Single, with Screw.....	8.00	8.00	6.50	per hundred
No. 405—Double, with Screw.....	10.00	10.00	8.00	per hundred
No. 410—Single, to Clinch.....	6.50	6.50	5.00	per hundred
No. 412—Double, to Clinch.....	8.50	8.50	6.50	per hundred

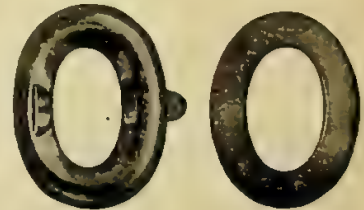
No. 400 Eyelet, complete, furnished with each of above.



Single No. 408



No. 408-A.



No. 400-400-A.
No. 420 Long Prong.

	Japan on Brass	Nickel on Brass	Japan on Steel
No. 408—Single, 1 1/4"x6/32 Thread.....	\$10.50	\$10.50	
No. 409—Double, 1 1/4"x6/32 Thread	12.50	12.50	
No. 408-A—Single, 3/8"x10/32 Thread	10.50	10.50	
No. 409-A—Double, 3/8"x10/32 Thread.....	12.50	12.50	

No. 400 Eyelet, complete, furnished with each of above.

No. 400-400-A—Eyelets	1.30	1.30	\$1.10
No. 420-400-A—Eyelets	1.50	1.50	

Above prices per hundred.

Assortment No. 3—"Common Sense"
Turn-button Fasteners, Brass only



You know this fastener well. It is the "Turn-button," so long used on carriages and early models of automobiles. While it is now being replaced by the more advanced "Lift the Dot" Fastener on passenger cars, it is still used on Ford cars and many makes of trucks. There are many calls for it every day.

The selection of types included in the package illustrated above has been carefully made with a view to giving you ample stock for resale and repair purposes, without at the same time overstocking on items that may not turn over quickly.

Contents of "Common-Sense" Assortment No. 3

This assortment contains the following ready sellers:

- 25 "Common-Sense" studs No. 410 nickel
- 25 "Common-Sense" plates No. 410 A nickel
- 25 "Common-Sense" studs No. 401 nickel
- 15 "Common-Sense" studs No. 402 nickel
- 25 "Common-Sense" studs No. 404 nickel
- 100 "Common-Sense" eyelets No. 400 nickel
- 100 "Common-Sense" washers No. 400A nickel

Price of Complete Package Assortment No. 3.....\$8.00

The "Durable Dot" Fastener

For Slip, Tire or Radiator Covers, Back or Side
Curtains, Bags or Coats.

Eyelet or Clinch Type.

Nickel Plated or Black Japanned.

Button.



No. 670.

Socket.



No. 548.

Stud.



No. 550.

Eyelet.



No. 550-A.

No. 7050—Button 24 Lyne. Complete.....per hundred, \$3.30

Wood Screw Type.

Button.



No. 670

Socket.



No. 548.

Screw Stud.



No. 457

No. 7057—Button 24 Lyne. Complete.....per hundred, \$4.10

"Durable Dot" Parts

Button Stud



No. 552

Drive Screw



No. 548

Machine Screw



No. 458



No. 559— 8/32 Thread
No. 561—10/32 Thread

No. 670—Button only, 24 Lyne.....	per hundred,	\$1.40
No. 548—Socket only	per hundred,	1.00
No. 550—Stud only	per hundred,	.70
No. 550-A—Eyelet only	per hundred,	.50
No. 457—Screw Stud only	per hundred,	1.90
No. 458—Drive Screw only.....	per hundred,	1.90
No. 559—Machine Screw Stud only.....	per hundred,	1.90
No. 561—Machine Screw Stud only.....	per hundred,	1.90
No. 552—Button Studs only	per hundred,	1.90

The No. 552 Button Stud and an extra Socket No. 548 make a double fastener out of any of the "Durable Dot" types. It is used to attach two curtains at one point.

Assortment No. 2—"Durable Dot" Fasteners



The popularity of the "Durable Dot" patented snap fastener for automobiles is as great as that of the "Lift the Dot."

For example, the "Durable" is the standard fastener for tire, radiator, hood and seat covers. It is also used as standard equipment on many of the popular makes of cars for gypsy-curtains.

The package contains a very careful selection of the clinch and screw types, in the Nickel and Black finishes, that have the readiest sale. This package enables you to carry a sufficient stock of the popular types without overloading yourself with slow moving numbers.

Contents of "Durable Dot" Assortment No. 2

The assortment contains the following ready sellers:

- 100 "Durable Dot" buttons No. 670 nickel
- 150 "Durable Dot" buttons No. 670 black
- 100 "Durable Dot" sockets No. 548 nickel
- 150 "Durable Dot" sockets No. 548 black
- 50 "Durable Dot" studs No. 550 nickel
- 100 "Durable Dot" studs No. 550 black
- 50 "Durable Dot" eyelets No. 550A nickel
- 100 "Durable Dot" eyelets No. 550A black
- 50 "Durable Dot" studs No. 457 nickel
- 50 "Durable Dot" studs No. 457 black
- 1 "Durable Dot" button die No. 160-670
- 1 "Durable Dot" eyelet die No. 160-550A
- 1 "Durable Dot" set tool No. 164

Price of Complete Package, Assortment No. 2.....\$22.00

"Acme" Glove Fasteners

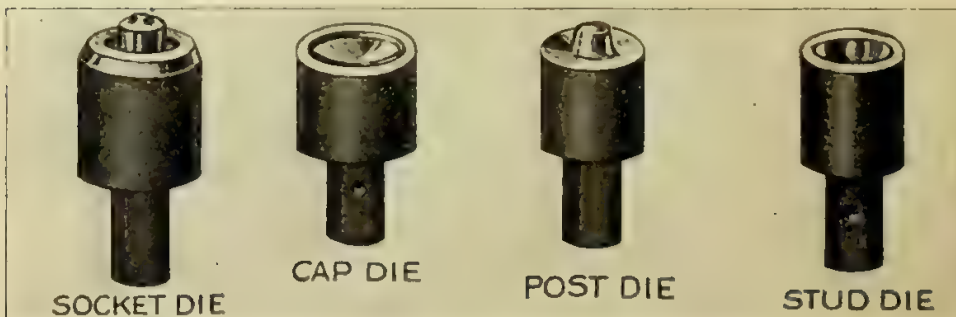


White Nickel or Black Janned.

No. 1135—24 Lyne, Clinch Combination.....	per gross,	\$4.70
No. 1135—24 Lyne, Screw Stud Combination.....	per gross,	5.50
No. 1135—28 Lyne, Clinch Combination.....	per gross,	5.60
No. 1135—28 Lyne, Screw Stud Combination.....	per gross,	7.00
No. 1135—Spanner Wrench Stud, Wood Screw.....	per gross,	3.00
No. 1135—Spanner, Wrench Stud, No. 10/32 Machine Screw Thread	per gross,	3.00
No. 1135—Hand Setting Dies	per set,	6.00

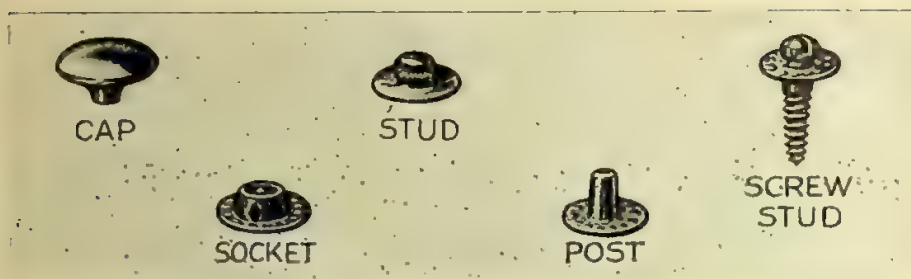
We will furnish any of the above illustrated parts separately when desired.

No. 1135 and No. D-100 Glove Fastener Hand Dies.



No. 1135 or D-100—Cap Die	each,	\$1.50
No. 1135 or D-100—Socket Die	each,	1.50
No. 1135 or D-100—Stud Die	each,	1.50
No. 1135 or D-100—Post Die	each,	1.50
No. 1135 or D-100—Hand Dies, complete.....	per set	6.00

Glove Fasteners



White Nickel or Black Japanned.

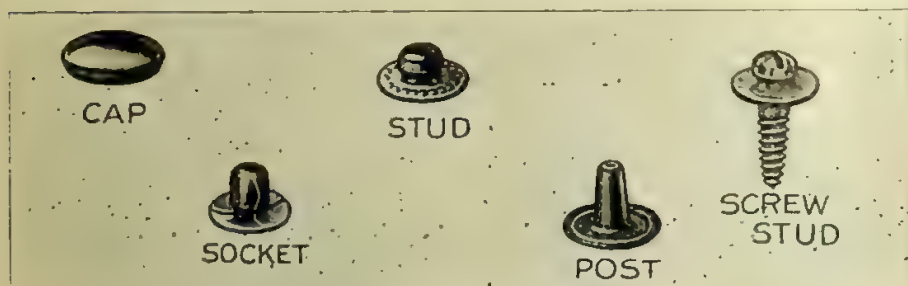
No. D-100—24 Lyne, Clinch Combination.....	per gross, \$3.00
No. D-100—24 Lyne, Screw Stud Combination.....	per gross, 3.50
No. D-100—Hand Setting Dies	per set, 6.00

We will furnish any of the above illustrated parts separately when desired.

STYLE D-100—GLOVE FASTENER CAPS can also be furnished in Colors, Celluloid Covered, of the following shades: Myrtle Green, Navy Blue, Maroon, Pearl Gray and Brown Bronze.

No. 666 Glove Fasteners.

(Chicago)



Nickel Plated or Black Japanned.

No. 666—24 Lyne, Clinch Combination.....	per gross, \$2.80
No. 666—24 Lyne, Screw Stud Combination.....	per gross, 3.30
No. 666—Hand Dies	per set, 3.00

We will furnish any of the above illustrated parts separately when desired.

STYLE No. 666 GLOVE FASTENER CAPS can also be furnished in colors, Japanned, of the following shades: Slate Gray, Chocolate Brown and Navy Blue.

“Veltex Dot” Carpet Fastener
For Automobiles and Carriages.

Clinch Type.

Pronged Ring.



No. 541-A.

Socket.



No. 541.

Stud.



No. 457.

No. A-4157—Nickel Socket, Black Ring.....per hundred, **\$6.50**

Durable Dot Fastener Tools.



No. 1401.
Button Die.



No. 1409.
Socket Die.



No. 1412.
Stud Die.



No. 1407.
Eyelet Die



No. 1406. Die
for Button Stud
No. 552.

No. 1401—Button Die	each, \$1.30
No. 1409—Socket Die	each, 2.50
No. 1412—Stud Die	each, 3.80
No. 1407—Eyelet Die	each, 1.30
No. 1406—Die for Button Stud No. 552.....	each, 2.00



No. 164.



No. M100.



No. 176 Set Tool.

No. 164—Set Tool, for No. 670 Button	each, \$1.40
No. 176—Set Tool, for No. 458 Drive Screw.....	each, 4.00
No. M-100—Hand Press, only	each, 6.25

“Anzo Dot” Fasteners



No. 302.
24 line



No. 311.



No. 331.



No. 331A.



No. 321.

The “Anzo Dot” Fastener is designed along new lines and has several distinct improvements over ordinary snap fasteners. The button member is self-piercing and will cut its own way through material of ordinary thickness. It is carefully made, finished and inspected so as to insure the best possible results. It is furnished in both the screw studs and clinch types with 24-line size buttons.

Japanned or Nickel Finish

No. 6223—Anzo-Dot, Clinch Type.....	per hundred, \$2.70
No. 6221—Anzo-Dot, Screw Stud Type.....	per hundred, 3.75

“Anzo Dot” Dies



No. 1424.



No. 1426.



No. 1427.



No. 1428.

No. 1424—Button Die, (302).....	each, \$1.40
No. 1426—Eyelet Die, (331-A)	each, 1.40
No. 1427—Socket Die, (311).....	each, 2.00
No. 1428—Stud Die, (331).....	each, 2.00

Line Measurement

Circles are Actual Size



24 Line 28 Line

Door Curtain Rod Sockets



No. 115.



No. 116.



No. 30.



No. 100.

No. 115—Black Japanned	each, \$0.14
No. 116—Black Japanned	each, .14
No. 30—Black Japanned, Right and Left.....	each, .32
No. 100—Nickel Plated, For $\frac{7}{16}$ inch Rods, only.....	each, .40



23



125

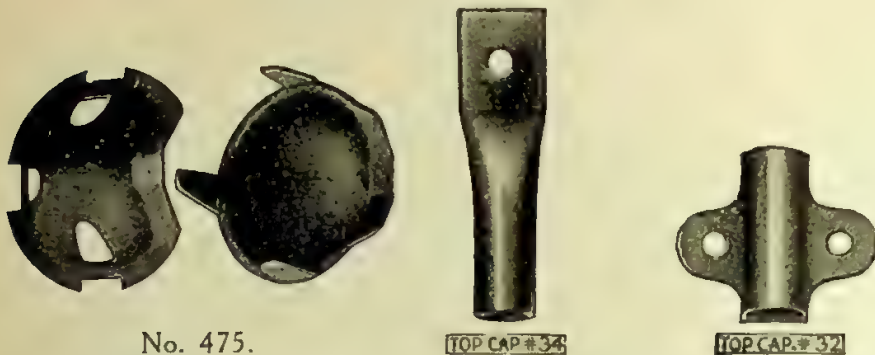
For $\frac{3}{8}$ inch Rod



124

No. 23—Aluminum	each, \$0.32
No. 125—Aluminum	each, .32
No. 124—Rust Proof Steel.....	each, .20

Door Curtain Rod Caps



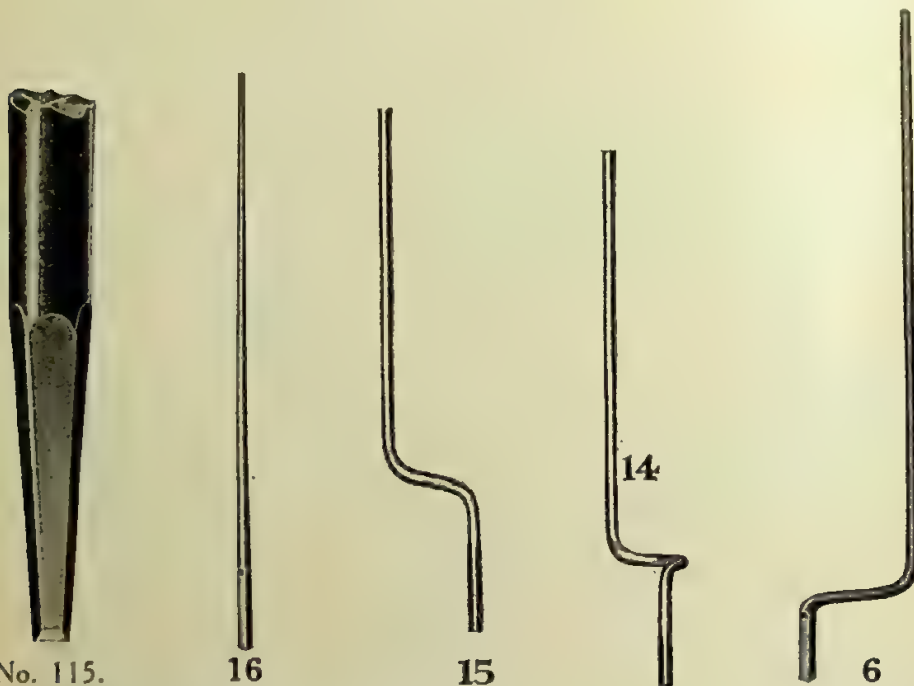
No. 475.

TOP CAP #34

TOP CAP #32

No. 475—Black Japanned	per hundred, \$	7.00
No. 475—Nickel Plated	per hundred,	8.00
No. 32—Rust Proof Zinc.....	per hundred,	11.00
No. 34—Rust Proof Zinc.....	per hundred,	15.00

Door Curtain Rods



No. 115.

16

15

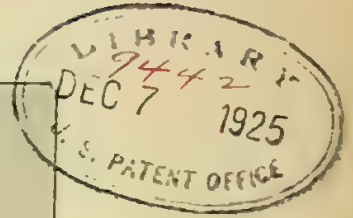
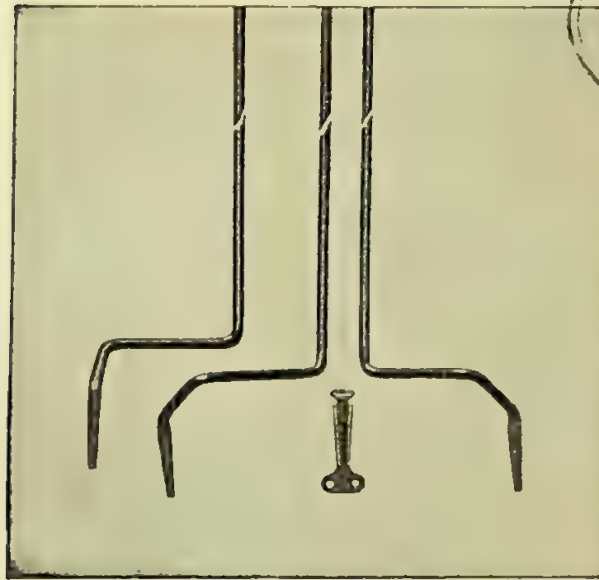
14

6

No. 115—Black Japanned—Oval Rod.....	each, \$	0.32
No. 100—Nickel Finish— $\frac{7}{8}$ -inch Round, 2 $\frac{1}{2}$ -inch offset.....	each,	.60
No. 6—Nickel Finish— $\frac{3}{8}$ -inch Round—2 $\frac{1}{2}$ -inch offset.....	each,	.32
No. 14—Nickel Finish— $\frac{3}{8}$ -inch Round—Ford	each,	.32
No. 15—Nickel Finish— $\frac{3}{8}$ -inch Round—2 $\frac{1}{2}$ -inch offset.....	each,	.32
No. 16—Nickel Finish— $\frac{3}{8}$ -inch Round—Straight	each,	.30
No. 16-S—Zinc Rust Proof— $\frac{3}{8}$ -inch Round—Straight.....	each,	.32
No. 16-S—Rod is 36 inches long. Readily bent to conform to late type Ford Cars.		

Door Curtain Rods and Sockets

For Late Model Ford Cars



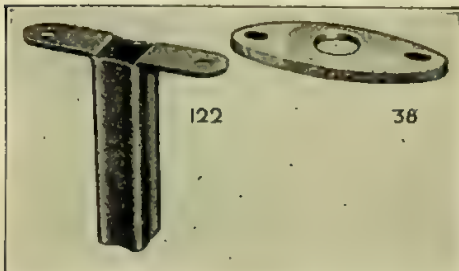
Style A B C

No. 704—23—Japanned Rods and Sockets.....per set, \$1.00
Offset 1¼ inch.

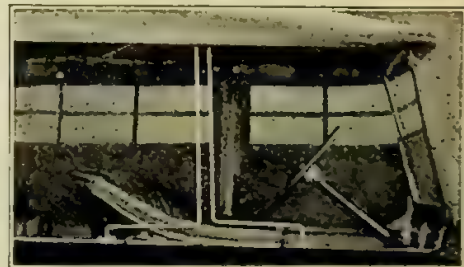
No. 704-23-A—for Right Front Door.

No. 704-23-B—for Right Rear Door.

No. 704-23-C—for Left Rear Door.



Socket 122 with Escutcheon
Plate No. 38.



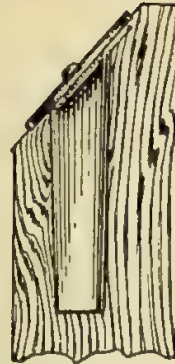
Illustrating one method of in-
stallation on late model Ford.

No. 122—Socket with No. 38 Escutcheon Plate.....each, \$0.30
Order No. 122—38—16-S if this result is desired.

Door Curtain Rod Sockets



Socket 122-A with
Cover Plate 136.



31

- No. 122-A—With No. 136 Cover Plate.....each, \$0.90
No. 31—Beveled or Concealed Type.....each, .40

Top Cap Markers



- No. 37—Top Cap Markers.....each, \$0.20
Marked for Right and Left, Front and Rear Door.

Notare Curtain Rod Thimbles Stazon Curtain Support



Notare Thimble
One Piece



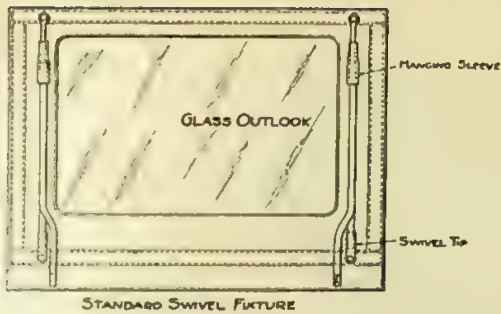
Notare Thimble
Two Piece



Stazon Curtain
Rod Support

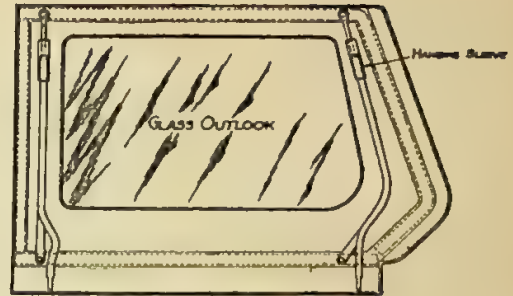
- Notare Curtain Rod Thimbles, One Piece.....per dozen, \$1.75
Notare Curtain Rod Thimbles, Two Piece.....per dozen, 1.75
Stazon Curtain Rod Supports.....per dozen, 1.60

Bishops Curtain Fixtures



STANDARD SWIVEL FIXTURE

No. 200.



STANDARD FIXTURE MILLED END

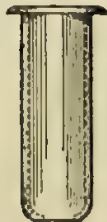
No. 300.

No. 200— $\frac{3}{8}$ -inch Nickel Steel Rod, Swivel Tip, Hanging Sleeve and Rod Extension, offset to take the socket in the door. Complete with Style "C" socket and stiffener.....each, **\$2.50**

No. 300— $\frac{3}{8}$ -inch Nickel Steel Rod, Hanging Sleeve and Rod Extension, offset to take the socket in the door. Complete with Style "D" socket and stiffener.....each, **\$2.50**



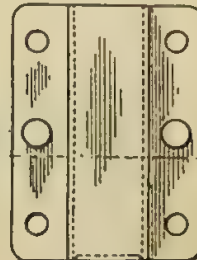
ROUND END FIXTURE
DOOR SOCKET



Type C.



INSIDE
DOOR BRACKET



Type D.

Style "C" Bishop Rod Sockets, only.....	each, \$0.35
Style "D" Bishop Rod Sockets, only.....	each, .35
Bishop's Curtain Stiffeners.....	each, .35

$\frac{1}{2}$ -inch wide, No. 14 Gauge Steel.

Flat Gimp

Pebble and Long Grain
Black, Bright or Dull Finish



1/2-inch Muslin Gimp	per piece, \$0.60
5/8-inch Drill Gimp.....	per piece, .80
1/2-inch Artificial Leather Gimp	per piece, 1.00
5/8-inch Artificial Leather Gimp	per piece, 1.00
3/4-inch Artificial Leather Gimp	per piece, 1.20

Bias Cut Gimp

5/8-inch Artificial Leather.....	per piece, \$1.20
3/4-inch Artificial Leather.....	per piece, 1.50
7/8-inch Artificial Leather.....	per piece, 1.70
1-inch Artificial Leather.....	per piece, 2.25

Put up in 25 yard Rolls and 200 yard Tubes.

Spanish Finish Flat Gimp

Brown, Gray, Red, Blue and Green

1/2-inch Muslin	per piece, \$0.70
5/8-inch Artificial Leather.....	per piece, 1.40

Combination Welt and Gimp

Long Grain

Black, Bright or Dull Finish



5/8-inch Drill Combination Welt.....	per piece, \$1.10
5/8-inch Artificial Leather Combination Welt.....	per piece, 1.50

Put up in 25 yard pieces.

Spanish Finish Combination Welt and Gimp

Brown

5/8-inch Artificial Leather.....	per piece, \$1.80
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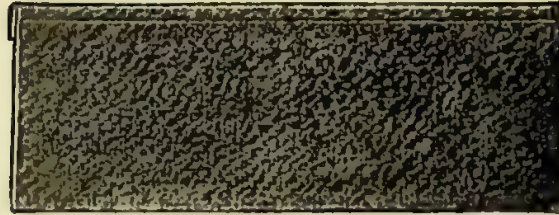
Put up in 25 yard pieces.

Flat Welt

Seat Cover and Carpet Binding
Long Grain

Black, Bright or Dull Finish

BIAS CUT



$\frac{7}{8}$ -inch Flat Welt, Artificial Leather, Bias Cut	per piece, \$4.50
1 -inch Flat Welt, Artificial Leather, Bias Cut.....	per piece, 5.30
1 $\frac{1}{4}$ -inch Flat Welt, Artificial Leather, Bias Cut.....	per piece, 6.00
1 $\frac{1}{2}$ -inch Flat Welt, Artificial Leather, Bias Cut.....	per piece, 6.50
100 yard Pieces.	

Spanish Finish Flat Welt

Brown, Red, Green, Gray and Blue
Bias Cut

$\frac{7}{8}$ -inch Flat Welt, Artificial Leather.....	per piece, \$6.00
100 yard Pieces.	

Genuine Leather Flat Welt Long Grain

Black, Bright and Dull Finish

$\frac{7}{8}$ -inch Genuine Leather Flat Welt.....	per yard, \$0.25
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Genuine Leather Seat Cover Binding Long Grain

Black, Bright or Dull Finish

$\frac{7}{8}$ -inch Genuine Leather Binding.....	per yard, \$0.20
1-inch Genuine Leather Binding.....	per yard, .25

Cotton Seat Cover Binding

50 yard Pieces

$\frac{3}{4}$ -inch Cotton Seat Cover Binding.....	per piece, \$4.00
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See sample book for colors.

Blind Nail Combination

Long Grain
Black, Bright or Dull Finish



1-inch Artificial Leather Blind Nail.....per piece, \$2.00

Lock-tite Finishing Welt

Long Grain
Black, Bright or Dull Finish



Lock-tite Welt.....per yard, \$0.23

50 yard lengths.

Lock-tite Finishing Tips

Black Japanned or Nickel Plated



No. 757.



No. 758.



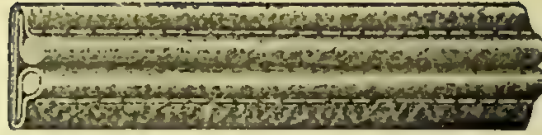
No. 759.

No. 757—End Tips, Right and Left.....per hundred, \$1.10

No. 758—Corner Tips, Right and Left.....per hundred, 1.10

No. 759—End Tips, Right and Left.....per hundred, 1.10

"Hidem" Welt



Long Grain

Black, Bright or Dull Finish

"Hidem" Welt, Drill.....	per piece, \$ 8.50
"Hidem" Welt, Artificial Leather.....	per piece, 10.50

Put up in 50 yard rolls.

"Hidem" Welt. Spanish Finish.
Artificial Leather

Brown, Red, Gray, Green and Blue

"Hidem" Welt, Spanish Finish.....	per piece, \$14.00
-----------------------------------	--------------------

Put up in 50 yard rolls.

"Hidem" Welt Finishing Tips

Black Japanned or Nickel Plated



No. 1.

No. 3.

No. 2.

No. 4.

Nos. 1, 2 and 4—Black Japanned	per hundred, \$0.90
No. 3 —Black Japanned	per hundred, 1.10
Nos. 1, 2 and 4—Nickel Plated	per hundred, 1.30
No. 3 —Nickel Plated	per hundred, 2.70

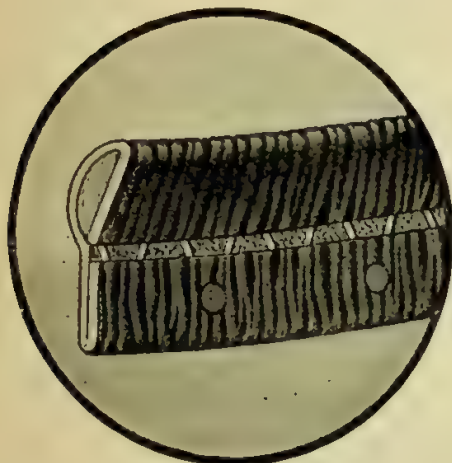
"Hidem" Welt Spreader



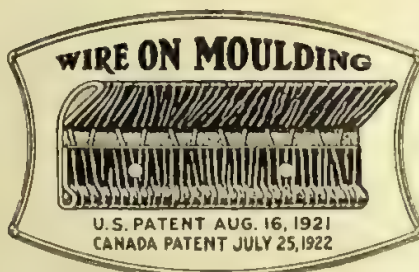
No. 200—Hidem Welt Spreading Tool.....	each, \$2.75
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"Wire-On" Moulding

Artificial Leather



"Wire-On"
Cordless Welt



"Wire-On" Moulding

Long Grain

Black, Bright or Dull Finish

"Wire-On" Moulding	per foot, \$0.15
100 foot coils.	
"Wire-On" Cordless Welt.....	per foot, \$0.10
50 foot coils.	

"Wire-On" Moulding Finishers

Black Jappanned or Nickel Plated



No. 458 R.



No. 458 L.



No. 469.



No. 468.

No. 458—Right—"Wire-On" Tip	per hundred, \$1.20
No. 458—Left—"Wire-On" Tip	per hundred, 1.20
No. 468—"Wire-On" Corner	per hundred, 1.60
No. 469—"Wire-On" Angle	per hundred, 1.60

Finishing Tip Nails



Finishing Tip Nails.....	per hundred, \$0.50
Black Jappanned or Aluminum Capped.	

Trimmers' Handy Re-Sale Cartons

A Money Maker and Labor Saver



"Nattitrim"—Artificial Leather Gimp.....per carton, **\$8.00**

The Ideal home trim for automobile or furniture; 15 feet in individual rolls, packed 24 rolls to each display carton.

"Easitrim"—Single Cord Welt.....per carton, **\$6.00**

The handy package of Single Cord Welt, made of Artificial Leather. Each individual box contains 15 feet, packed 12 boxes to each display carton.



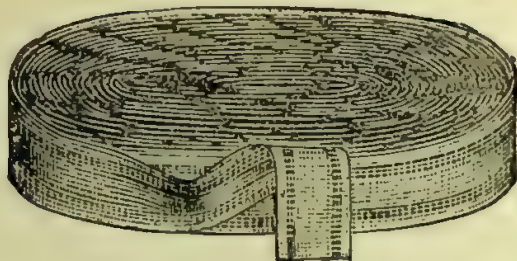
"Perfectrim"—Hidem Weltper carton, **\$12.00**

Made of Artificial Leather. Packed in neat individual boxes, each containing 15 feet and 90 trimmers' tacks. 12 boxes to each display carton.

"Perfectrim"—Finishing Tipsper carton, **\$8.75**

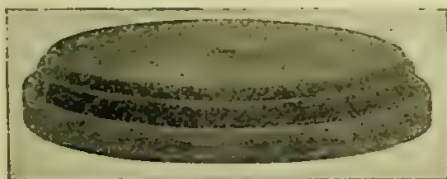
Assorted styles in each package, Japanned or Nickel finish for use with "Perfectrim" Welt. Absolutely non-rusting. Nails included.

Stay Webbing.



Scotch, 3 inches Wide.....	per piece, \$4.50
3½ inches Wide.....	per piece, 5.50

In Pieces of 72 Yards.



Non-Stretch Webbing.

For One-Man Tops

⅝ inch Wide, Black or Drab.....	per yard, \$0.11
¾ inch Wide, Black or Drab.....	per yard, .12½
1 inch Wide, Black or Drab.....	per yard, .14
1¼ inch Wide, Black, Drab or White.....	per yard, .15
1½ inch Wide, Black, Drab or White.....	per yard, .18
1¾ inch Wide, Black, Drab or White.....	per yard, .20
1¼ inch Wide, Black and White Mixed.....	per yard, .15
1¼ inch Wide, Brown and White Mixed.....	per yard, .15

Hood Lacing.

Fender Strips and Body Cushion

Anti-Squeak Materials

Hood Lacing

¼ in. per roll, 100 ft.....	\$ 4.00
⅜ in. per roll, 100 ft.....	4.50
½ in. per roll, 100 ft.....	5.00
⅝ in. per roll, 100 ft.....	6.50
¾ in. per roll, 100 ft.....	7.50
1 in. per roll, 100 ft.....	8.50

Body Cushion

1 in. per roll, 100 ft.....	\$12.00
1¼ in. per roll, 100 ft.....	14.00
1½ in. per roll, 100 ft.....	16.00
1¾ in. per roll, 100 ft.....	18.00
2 in. per roll, 100 ft.....	20.00

Buckram.



No. 21—Paper Faced Buckram	per yard, \$0.50
No. 20—Single Buckram	per yard, .45
No. 1616—Double Buckram	per yard, .70
No. 10—Muslin Faced Buckram	per yard, .90

Muslin Sheeting

LL—Muslin, Unbleached, 36 inch.....	per yard, \$0.40
LL—Muslin, Unbleached, 63 inch.....	per yard, 1.20

Cambric

Black or Gray, 27 inch.....	per yard, \$0.30
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Burlap

10½ oz. 40 inches wide, Mangled.....	per yard, \$0.40
In rolls of about 100 yards.	

Chalk

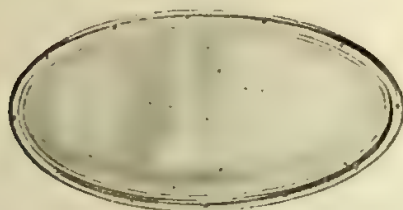
White Chalk or School Crayon.....	per box, \$0.75
White Hard School Crayon.....	per box, 1.20
Tailors Chalk, White.....	per box, 1.00

Enameled Cloths.

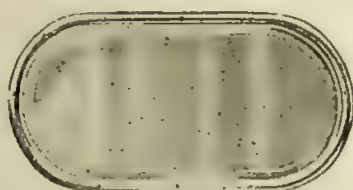
50 in. Black Enamel Drill.....	per yard, \$1.20
50 in. Black Enameled Duck.....	per yard, 1.60
50 in. Black Glazed Duck.....	per yard, 1.60
50 in. Black Extra Glazed Duck.....	per yard, 1.90
50 in. Black Muslin.....	per yard, 1.00

Pioneer

Plate Glass Curtain Lights



No. 111-C— $8\frac{1}{2}$ x18 inch opening.....each, \$6.70



No. 107-C— $7\frac{1}{2}$ x $15\frac{1}{2}$ inch opening.....each, \$5.20



No. 106-C— $7\frac{1}{2}$ x $13\frac{3}{4}$ inch opening.....	each, \$4.70
No. 110-C—8 x24 inch opening.....	each, 8.50
No. 113-C—6 x $12\frac{1}{4}$ inch opening.....	each, 3.50
No. 114-C— $7\frac{1}{2}$ x19 inch opening.....	each, 6.00
No. 115-C—6 x24 inch opening.....	each, 6.50
No. 116-C— $5\frac{3}{4}$ x $17\frac{1}{2}$ inch opening.....	each, 3.90
No. 116-E— $5\frac{3}{4}$ x $17\frac{1}{2}$ inch opening.....	each, 2.00
No. 116-Z— $5\frac{3}{4}$ x $17\frac{1}{2}$ inch opening.....	each, 2.00
No. 405-E— $5\frac{3}{4}$ x $17\frac{1}{2}$ inch opening.....	each, 2.00
No. 406-E— $5\frac{5}{8}$ x $23\frac{5}{8}$ inch opening.....	each, 3.50

Finishes

C—Nicked Brass Frame and Japanned Steel Back Ring.
E—Japanned Steel Frame and Japanned Steel Back Ring.

Winan-Pioneer Curtain Lights

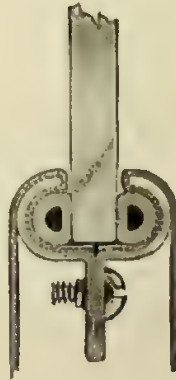


Beveled Glass.

No. 305—7x22 inch, oblong.....	each,...	\$7.30
No. 306—7½x27½ inch, oblong.....	each,	9.50

Plain Glass.

No. 305—7x22 inch, oblong.....	each,	\$6.00
No. 306—7½x27½ inch, oblong.....	each,	9.00



A Blinded-In type for lined curtains, embodying new principles in frame design to make it the only "perfect" light.

Quickly installed without puckering, by using mounting materials furnished with each carton.

A new method of holding the light in the fabric prevents it from tearing out and keeps the light water-tight, rattle-proof and unbreakable during the life of the back curtain.

The glass is held between two rubber cushions, tube-like in form. These tubes form unbroken surfaces for the glass to rest in, so that water can not creep through and the glass will be cushioned against shocks at all times.

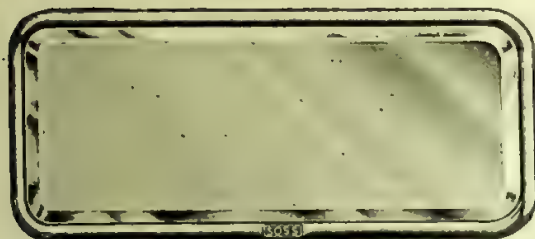
The fabric is turned into the groove and secured firmly by the rubber tubing without the use of tacks or screws, cement or paste. There are no sharp edges touching the fabric at any point to cut the material.

Slots are provided on both sides of the frame members for webbing supports.

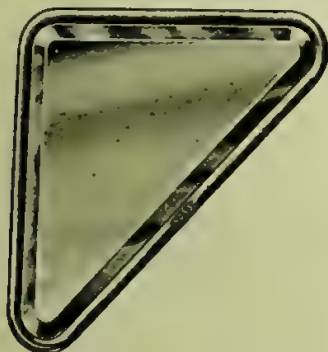
Electro-galvanized finish, only.



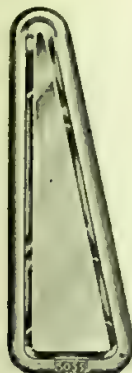
Grip Tite
Aluminum Die Cast
Curtain Lights



- | | |
|--------------------------------|--------------|
| No. 408—6x20 inch, oblong..... | each, \$5.00 |
| No. 404—6x24 inch, oblong..... | each, 6.00 |
| No. 412—8x20 inch, oblong..... | each, 6.00 |



No. 406.



No. 416.

- | | |
|-------------------------|--------------|
| No. 406—9x16 inch | each, \$5.00 |
| No. 416—4x14 inch | each, 3.30 |

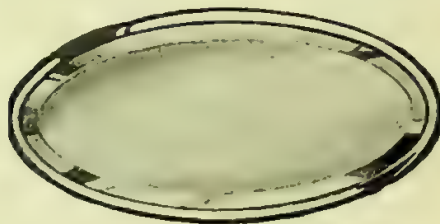


No. 414.

- | | |
|--------------------------|--------------|
| No. 414—14x16 inch | each, \$7.00 |
| No. 415—14x 7 inch | each, 4.70 |



Aluminum Die Cast.
Beveled Plate Glass Curtain Windows.



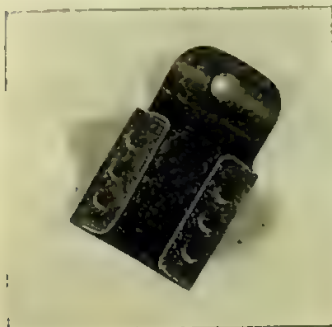
No. 12-B—6x12 inch, Oval.....each, \$2.00
No. 16-B—8x16 inch, Oval.....each, 4.00



No. 25-B—7x24 inch, Round End.....each, \$6.50



No. 15—6x20 inch, Oblong.....each, \$5.00
No. 20—8x20 inch, Oblong.....each, 6.00
No. 30—7x24 inch, Oblong.....each, 6.50

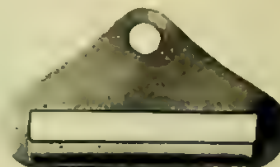


Pioneer

Web Strap Clips.
Curtain Light.



Universal



Kantleak.

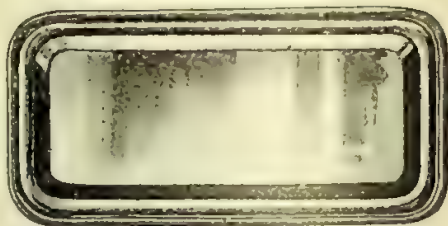
Pioneer Web Strap Clips, for $\frac{3}{4}$ inch Web.....per dozen, \$0.50
Pioneer Web Strap Clips, for 1 inch Web.....per dozen, .50
Kantleak Web Strap Clips.....per dozen, .50
Universal Web Strap Clips.....per dozen, .50

Curtain Lights.

Stamped Assembly.

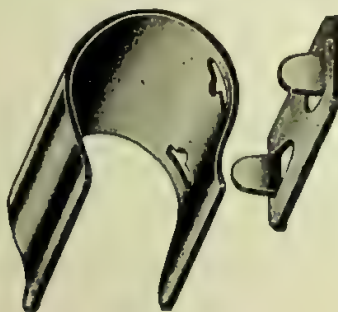


Cross-cut of Frame showing steel insert threaded so that the screws cannot pull out. No sharp edges to tear or cut the fabric.



No. 196—6x18 inch, Polished Aluminum	each, \$2.50
No. 196—6x18 inch, Black Japanned	each, 2.50
No. 216—7x14 inch, Polished Aluminum	each, 1.75
No. 216—7x14 inch, Black Japanned	each, 1.75

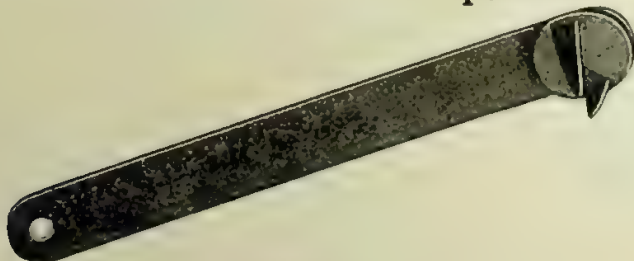
Windshield Clips.



No. 1500.

Black Japanned on Steel.....per gross, \$4.50

Radiator Cover Clips.



Black Japanned, 4 inches Long.....per hundred, \$1.50

Radiator Cover Felt.

No. 124—72 inches Wide, 24 Oz. Wool Base.....	per yard, \$2.50
No. 116—72 inches Wide, 16 Oz. Wool Base.....	per yard, 1.70

The Duffy *Sewder* Curtain Window.



A steel frame moulded into rubber preventing a possibility of rusting. A glass retainer ring of solid rubber, a positive assurance against leakage by water.

Furnished in size 6x18 inches, meeting with a most popular demand.

Installation is Simple, Rapid and Positive.

Duffy *Sewder* Curtain Window.....each, \$3.00
6x18 inch, complete with glass.

Ford Replace Lights

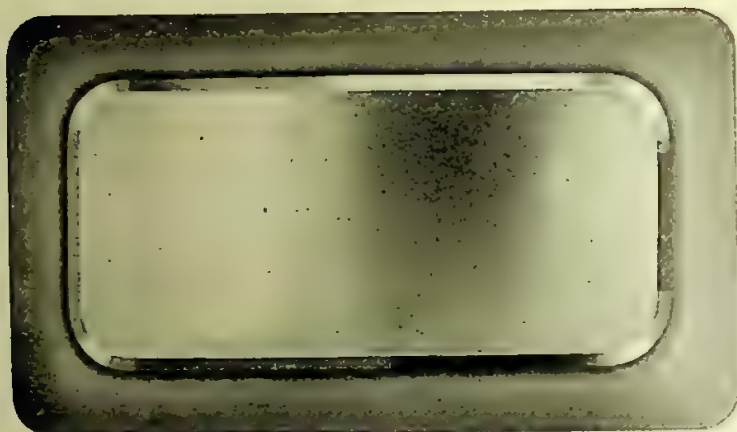


- No. 1922**—Japanned Steel Frame, Plain Glass,
Set of 3 Frames.....per set, \$1.20
- No. 1923**—Japanned Steel Frame, Plain Glass,
Set of 2 Frames.....per set, 1.10
- No. 1925**—Japanned Steel Frame, Plain Glass.....each, 1.10

All-Wood Frame

Beveled Plate Glass

Curtain Windows.



No. 200—7x24 inches	.....each,	\$ 8.00
No. 202—8x20 inches	.....each,	7.00
No. 204—9x28 inches	.....each,	10.00

Auto Glazing Cement

Elastic.



Auto Glazing Cement, 2½ lb. can.....each, \$1.70

An improved glazing material for water-proofing and air-proofing the window sashes and channels of auto bodies.

Does not get hard or brittle like putty. It readily contracts and expands under varying temperature conditions. It is a combination of semi-drying, elastic hydro-carbon gums which are thoroughly interlaced with long staple asbestos fibres, chemically fused with water-proofing oils. It contains no coal tar or rosin, is Black in color and entirely without odor. Works into shape much easier than putty, possessing far superior binding qualities.

Finishing Mouldings

Rubber Core Glass Retaining.

For Wood Frame Curtain Windows.



$\frac{1}{8} \times \frac{3}{8}$ inch.

No. 592—Drab Drill Covered.....	per hundred feet,	\$4.00
No. 592—No. 65 Gray Whipcord Covered.....	per hundred feet,	4.50
No. 592—No. 75 Brown Whipcord Covered.....	per hundred feet,	4.50
No. 592—Black Artificial Leather Covered.....	per hundred feet,	4.50



$\frac{3}{8}$ inch Triangular.

No. 593—Drab Drill Covered.....	per hundred feet,	\$4.50
No. 593—Black Drill Covered.....	per hundred feet,	4.50
No. 593—No. 65 Gray Whipcord Covered.....	per hundred feet,	5.50
No. 593—No. 75 Brown Whipcord Covered.....	per hundred feet,	5.50
No. 593—Black Artificial Leather Covered.....	per hundred feet,	5.50



$\frac{1}{2}$ inch wide. $\frac{3}{16}$ inch Channel.

No. 591—Drab Drill Covered.....	per hundred feet,	\$12.00
No. 591—No. 65 Gray Whipcord Covered.....	per hundred feet,	13.50
No. 591—No. 75 Brown Whipcord Covered.....	per hundred feet,	13.50
No. 591—Black Artificial Leather Covered.....	per hundred feet,	13.50

Reinforcing Turnbuckles

Brass Center, Japanned Rods.

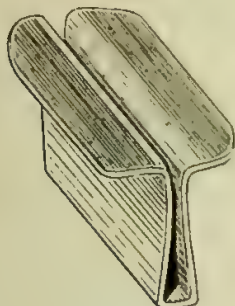


No. 195—Rods $\frac{3}{16}$ inch round.....	per dozen,	\$2.70
No. 205—Rods $\frac{1}{4}$ inch round.....	per dozen,	3.50

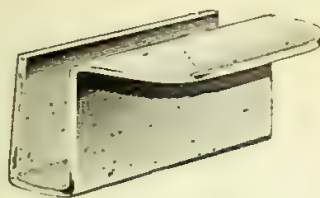
Length over all 14 inches.

Especially made for reinforcing Bows for Winter Tops.

Sashless Glass Finger Lift.



No. 245.



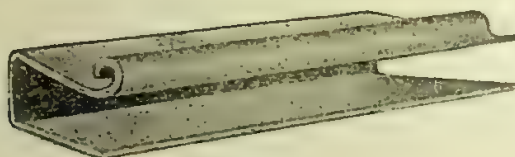
No. 242.

No. 244.

No. 242—Brass, Nickel Plated, for $\frac{1}{8}$ inch glass.....per dozen, **\$1.50**

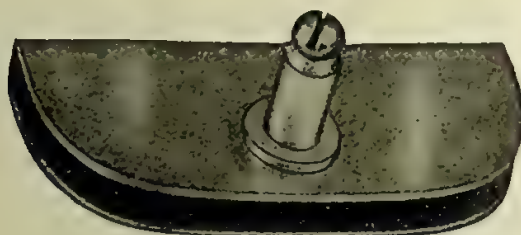
No. 244—Brass, Nickel Plated, for $\frac{3}{16}$ inch Glass.....per dozen, **1.50**

No. 245—Brass, Nickel Plated, for Single Strength Glass....per dozen, **1.50**



No. 240.

No. 240—Brass, Nickel Plated, for $\frac{3}{16}$ inch Glass.....per dozen, **\$2.20**



No. 185.

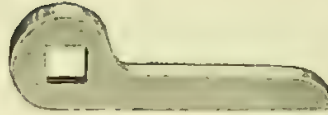
Window is held in position when up by a short leather strap, fastened to under side of Roof Rail.

Fit to glass with either Rubber or Tape and Shellac.

No. 185—Combination Sash Lift, Nickel Plated.....each, **\$0.60**

Lever Throws.

Concealed Type.



No. 473—Inside Handle Lever, Rough Brass.....each, \$0.40

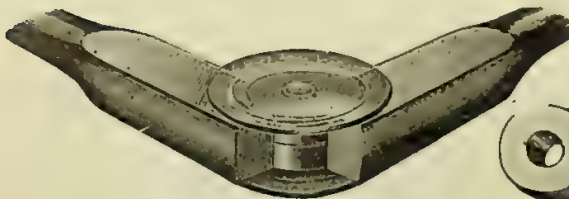
This lever is of size which will permit it being attached to handle shank alongside of the lever beneath the trimming permitting the handle on the door to be inserted actually through the lock.



No. 21.

No. 21—Japanned Steeleach, \$0.45

No. 21—Brass, Nickel Plated.....each, .60



No. 2200 Stump Joint.



No. 2202-A.
Long Joint End.

No. 2200—Stump Joint, $1\frac{5}{8}$ in., 2 in. Double Head Rivets.....each, \$2.25

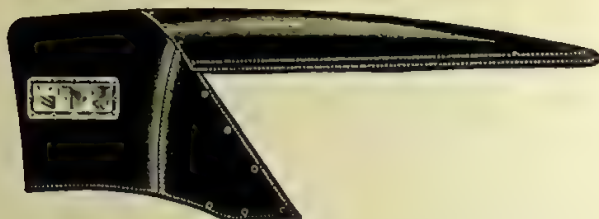
No. 2202-A—Long Joint End, $1\frac{1}{2}$ inch, Oval.....per set, 3.00

Eyes drilled for $\frac{1}{2}$ inch props.

A set consists of two pieces 30 inches long with eye on each end.

Auto Top Fabrics.

Curtain Materials.



Drednaut,

Excel,

Masterpiece,

Pocono,

Leatherwove.

Rubber or Artificial Leather.

Long Grain,

Leather or Pebble Grain.

Double and Single Texture.

Drill, Duck, Twill, or Whipcord Lined.

60 inch, 54 inch or 36 inch widths.

Closed Car Roofing Fabric.

Coach Deck, Long Grain or Leather Grain, Enameled.

66 inch width.

Leather Cloth, Glazed, Smooth Finish, Duck.

60 and 66 inch widths.

Leather Cloth, Glazed Long Grain.

60 and 64 inch widths.

Samples and Prices on Application.

Seat Cover Fabrics.

Imported and Domestic patterns, in plain shades and combinations of colorings consistent with the taste of the most fastidious and where color harmony of upholstery is desired to be maintained.

Our Sample Book as illustrated herewith contains a complete set of samples of those yearly patterns which we are in position to supply from stock during the course of a season.



A copy of this Sample Book will be placed in your possession upon request.

In addition to our regular line of Cotton Duck, Whipcord, etc., Seat Cover Fabrics, suitable to the Closed or Open Motor Car, we are in position to supply

Imported Belgian Linen and Tapestries
in a range of patterns and colorings attractively pleasing.

Cotton, Tape, Artificial and Genuine Leather Bindings in shades to match fabric may be had from our stock, as also Glove Button Fasteners and Thread.

Artificial Leather.

Zapon Mustang,

Broncho,

Muleskin,

Moroccoline.

Chase Galloway,

Leatherwove,

In Black and Colors, Grained,

Spanish and Dualtone Finish,

50 inches wide.

Suitable to

Upholstery, Auto Tops,

California Tops, Body Covering,

Tire Covers, Trunk Covering,

Seat Cover Binding.

Hood and Radiator Covers.

Samples and Prices upon request.

Coach Roof Fabrics

60 inch, Long Grain, Bright Black Finish Duck.....	per yard, \$
64 inch, Long Grain, Bright Black Finish Duck.....	per yard,
66 inch, Coach Deck, Long Grain, Black Bright Finish Moleskin	per yard,
60 inch Glazed Leather Cloth.....	per yard, 3.50
66 inch Glazed Leather Cloth.....	per yard, 4.50

White Sail Duck

No. 8.

Width, inches	26	28	30	34	36	40	44
Per yard .....	\$ .....	.....	.....	.....	.....	.....	.....
Width, inches	48	50	54	58	60	66	72
Per yard .....	\$ .....	.....	.....	.....	.....	.....	.....

Fleetwing Enameling Duck

56½ inches Wide.....	per yard, \$ 1.30
----------------------	--------------------------

Black Oiled Duck

No. 10

Width, inches	36	50	54	60	66	72
Per yard	\$ 2.30	3.10	3.30	3.70	4.20	4.50

No. 12

Width, inches	36	50	54	60	66	72
Per yard	\$ 2.00	2.80	2.90	3.30	3.70	4.00

No. 214

Width, inches	50	56	60	72
Per yard	\$ 1.90	2.00	2.30	2.70

Carpets

For Open and Closed Cars
Qualities carried in stock
Wilton

36 inch width

No. 2041—Blue	per yard, \$10.00
No. 2011—Green	per yard, 10.00
No. 2019—Maroon	per yard, 8.00
No. 2036—Taupe	per yard, 10.00
No. 2037—Brown	per yard, 10.00

Wool

No. 351—Green	per yard, \$ 5.75
No. 351—Blue	per yard, 5.75
No. 354—Maroon	per yard, 8.00
No. 355—Gray	per yard, 6.50

Moresque Wilton

No. 7000 /3—Black and Gray.....	per yard, \$10.00
No. 7000/19—Brown and White.....	per yard, 10.00

Moresque Wool

No. 2016—Black and Gray.....	per yard, \$ 5.75
No. 2017—Brown and White.....	per yard, 8.00

Horse Hair

No. S.A.—36 inch width.....	per yard, \$ 6.50
No. S.A.—45 inch width.....	per yard, 8.00

Imitation Horse Hair

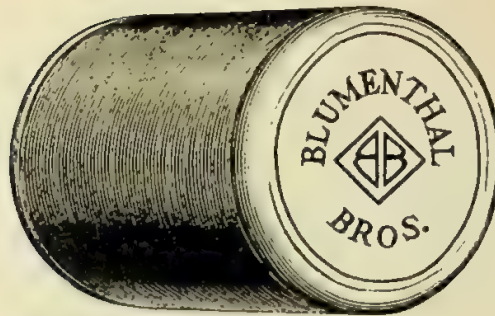
No. T.3—36 inch width.....	per yard, \$ 3.30
No. T.3—45 inch width.....	per yard, 4.50

Jute Carpet

No. 118—36 inch width	per yard, \$ 2.50
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Samples and Prices upon request.

Machine Thread



Cotton, Four Cord

600 yard Spools

No. 16—Black	per dozen, \$	8.00
No. 16—Tan	per dozen,	8.50
No. 16—Gray	per dozen,	8.50
No. 24—Black	per dozen,	7.00
No. 12—Black	per dozen,	11.50

Clark's O. N. T. Carriage Thread

Black, 6 Cord

In 500 Yard Spools

Letters	A	B	C
Size	Coarse	Medium	Fine
Price Dozen Spools	\$11.50	10.00	9.00

Black, 4 Cord

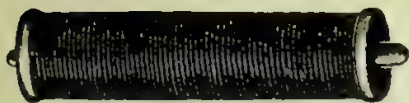
No. 12—3600 yard Spools.....	per spool, \$	5.00
No. 16—4800 yard Spools.....	per spool,	5.00
No. 20—6000 yard Spools.....	per spool,	5.50

Thread Stands

Thread Stands, Single Spool.....	each, \$	1.50
Thread Stands, Double Spool.....	each,	2.50

Will accommodate either Small or Large Spools.

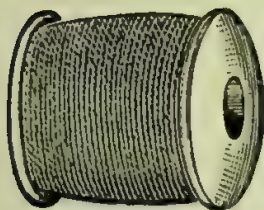
Ready Wound Bobbins



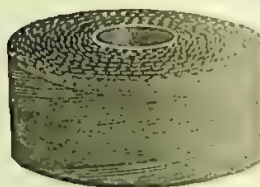
Singer No. 9 and No. 3.



Singer Central
For No. 16-88, No. 78-1.
No. 16-41, No. 17-28
and No. 31-15.



Singer No. 7.



Singer No. 42-1 or No. 42-8.

Silk Finish, Left Twist

No. 16, 4 Cord

Singer, No. 3 and No. 9, Black, 20 yds. each.....	per gross,	\$12.00
Singer, No. 7, Black, 50 yds. each.....	per gross,	20.00
Singer, No. 16-88, Black and Drab, 20 yds. each	per gross,	4.50
Singer, No. 42-5, Black, 50 yds. each,.....	per gross,	13.00
Davis, No. 16, Black, 12 yds. each.....	per gross,	7.00

Split Shells for Bobbins

Bobbin Shellseach, \$0.15

Machine Silk Thread

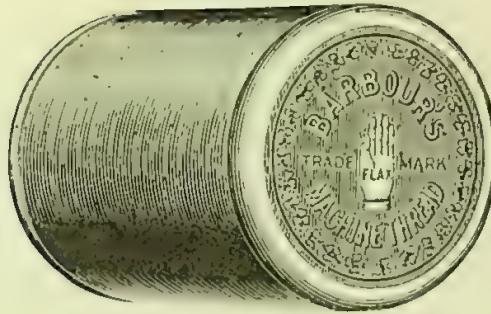
Letters.....	A	B	C	D	E	EE
Black .....per spool,	\$3.50	3.50	3.50	3.50	3.50	3.50

In Boxes of 12 Spools.

Above, in Colors. Can be Furnished at a Slight Advance.

Barbour's Thread

D. B., Three Cords



2 Ounce Spools, Black.

Nos.	18	20	25	30	35	40	50
Per Pound	\$8.50	8.50	8.90	9.70	10.10	10.80	11.80

In One Pound Boxes.

D. B. Cable Twist, Six Cord

4 Ounce Balls, Black

Nos.	432	532	632
Per Pound	\$12.50	14.50	16.00

In Two Pound Boxes.

D. B. Stitching for Hand Sewing

2 Ounce Balls, Black

Nos.	10	3	12
Per Pound	\$6.20	7.00	7.75

Holdfast or Lockstitch Linen Thread

For Hand Sewing

One Pound Tubes

5 Cord Black, Light	per pound, \$7.25
6 Cord Black, Medium	per pound, 7.25
7 Cord Black, Heavy	per pound, 7.25

Kingston Cotton Thread

For Hand Sewing

15 Ounce Tubes

No. 10—Black	per pound, \$4.00
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Tufting Twine



No. 252—Tufting Twine	per pound, \$2.70
No. 12—Flax Tufting Twine.....	per pound, 3.50
In ½ Pound Balls, 6 Balls to Package.	

Spring Twine

No. 260—Hemp	per pound, \$1.00
No. 60—Flax	per pound, 1.30
In One Pound Balls.	

Cloth Board

Size 36x42 inches.

Per Bundle of 15 Sheets.....	\$7.50
Per Sheet .....	.70

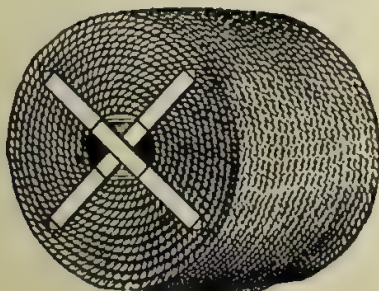
Pattern Paper

Pattern Paper, 48 in. wide.....	per pound, \$0.30
Approximately ⅞ lb. to the yard.	

Beeswax

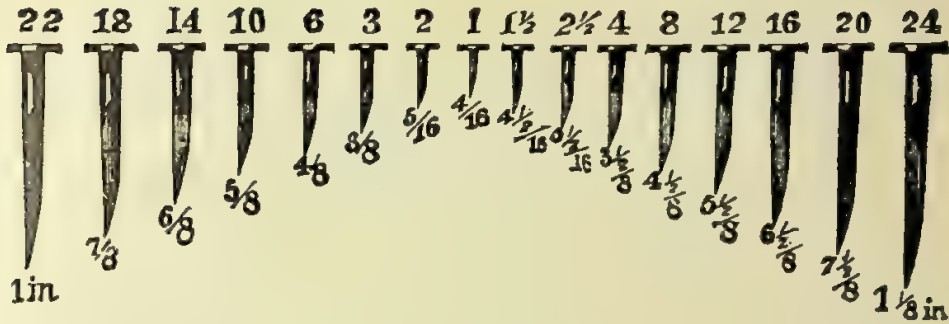
Guaranteed Pure, 1 Lb. and ½ Lb. Cakes.....	per pound, \$1.60
1 Oz. Cakes.....	per dozen, 1.50

Paper Seaming Cord



Cable Laid, 5 pound Tubes.....	per tube, \$2.50
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Swedes Trimmers' Tacks



One Pound Papers.

2 1/2 Ounceper pound, \$0.54
3 Ounceper pound, .50
4 Ounce	.....per pound, .44
6 Ounce	.....per pound, .41
8 Ounce	.....per pound, .40
10 Ounce	.....per pound, .40
12 Ounce	.....per pound, .35
14 Ounce	.....per pound, .35
16 Ounce	.....per pound, .35
18 Ounce	.....per pound, .35

In 25 Pound Boxes.

2 1/2 Ounce	.....per pound, \$0.50
4 Ounce	.....per pound, .38
6 Ounce	.....per pound, .35
8 Ounce	.....per pound, .33
10 Ounce	.....per pound, .30
12 Ounce	.....per pound, .28

Gimp Tacks



Japanned

2 1/2 Ounce	per pound, \$0.65
4 Ounce	per pound, .50
6 Ounce	per pound, .46
8 Ounce	per pound, .45

Lace Tacks

Japanned

2 1/2 Ounce	per pound, \$0.65
4 Ounce	per pound, .54
6 Ounce	per pound, .50
8 Ounce	per pound, .50

Shoe Tacks

1 Ounce	per pound, \$0.70
1 1/2 Ounce	per pound, .65
2 Ounce	per pound, .60
2 1/2 Ounce	per pound, .60
3 Ounce	per pound, .60

Solid Head Lining Nails

Japanned

One Pound Boxes

4 Ounce	per pound, \$0.48
6 Ounce	per pound, .46
8 Ounce	per pound, .44
10 Ounce	per pound, .43
12 to 16 Ounce	per pound, .42

Japanned Finishing Nails

Saddle Tacks

"Hit'em"
TRADE MARK



With Sharp Point, Black Japanned

No. 2—14 Line, 10 and 12 oz., 75 in paper.....	per paper, \$0.30
No. 2—14 Line, 8 to 16 oz., 1000 in box	per 1000, 1.70
No. 2—14 Line, 10 to 16 oz., 25 Lb. Boxes	per pound, .70
No. 4—22 Line, $\frac{5}{8}$ in. Shank, Japanned.....	per 1000, 4.00
No. 4—22 Line, $\frac{5}{8}$ in. Shank, Nickel Plated	per 1000, 7.00
No. 4—22 Line, 12 oz., Japanned	per 1000, 4.00
No. 4—22 Line, 20 oz., Japanned	per 1000, 6.50
No. 4—22 Line, $1\frac{1}{4}$ in. shank, Japanned, 75 in paper	per paper, .45

Accommodation—Courtesy

To your clientele and transient car owners. These handy packages put up in attractive display cartons.

The display carton tells the story.



Real Trimmers Tacks, Carton Display.....	per carton, \$1.40
"Hit-Em" Trimming Nails, Carton Display.....	per carton, \$2.00
(Japanned Saddle Tacks.)	

Metaline Nails



No. 200.



No. 210.



No. 265.



No. 285.

$\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ inch shank.

No. 200—Plain, 6/16 inch Head, Black.....	per 1000,	\$1.50
No. 210—Plain, 7/16 inch Head, Black.....	per 1000,	1.60
No. 265—Flanged, 8/16 inch Head, Black	per 1000,	1.60
No. 285—Plain, 7/32 inch Head, Black.....	per 1000,	1.50
No. 210—Brown Spanish, $\frac{1}{2}$ inch shank.....	per 1000,	2.00
No. 210—Blue Spanish, $\frac{1}{2}$ inch shank.....	per 1000,	2.00
No. 210—Green Spanish, $\frac{1}{2}$ inch shank.....	per 1000,	2.00
No. 210—Gray Spanish, $\frac{1}{2}$ inch shank.....	per 1000,	2.00
No. 285—Brown Spanish, $\frac{5}{8}$ inch shank.....	per 1000,	2.00
No. 285—Brown Spanish, $\frac{3}{4}$ inch shank.....	per 1000,	2.00

Perfection Compressed Paper Nails



Style No. 18 Spanish

No. 18—Perfection Nails, Color 96-Black.....	per 1000,	\$1.50
No. 18—Perfection Nails, Color 65X-Brown.....	per 1000,	1.60
No. 18—Perfection Nails, Color 25X-Blue	per 1000,	1.60

Rubber Head Tacks



No. 1.



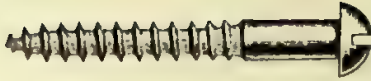
No. 2.

Illustrations are Exact Size.

No. 1—Rubber Head Tacks.....	per gross,	\$2.75
No. 2—Rubber Head Tacks.....	per gross,	3.50

Packed in Paper Boxes of One Gross Each.

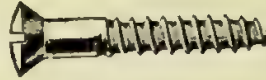
Wood Screws



Round Head.



Flat Head.



Oval Head.

Iron Wood Screws.

No.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	22	24	26	28	30
In																									
1/4	10.75	.72	.72	.72	.72																				
3/8	.72	.72	.72	.72	.72	.75	.78	.82	.88	.94															
1/2		.72	.72	.72	.75	.78	.80	.84	.90	.96	1.05	1.10	1.20												
5/8			.72	.72	.75	.78	.82	.86	.92	.98	1.07	1.12	1.20	1.25	1.30										
3/4				.72	.75	.78	.82	.85	.90	.95	1.00	1.10	1.15	1.25	1.35	1.45	1.55	1.65	1.80						
7/8					.74	.76	.82	.85	.90	.94	1.00	1.05	1.15	1.25	1.35	1.45	1.55	1.75	2.00						
1						.80	.84	.87	.92	.98	1.05	1.10	1.20	1.30	1.40	1.60	1.70	2.00	2.50	2.70	2.80	3.50			
1 1/4							.88	.92	.98	1.05	1.10	1.15	1.20	1.30	1.40	1.55	1.70	1.90	2.15	2.50	2.75	3.30	4.00	4.80	5.40
1 1/2								.98	1.15	1.10	1.15	1.20	1.30	1.35	1.40	1.60	1.80	2.00	2.35	2.80	3.20	3.80	4.30	5.10	5.90
1 3/4									1.30	1.35	1.45	1.50	1.55	1.60	1.70	1.80	2.00	2.25	2.60	2.90	3.50	4.00	4.50	5.20	6.00
2										1.45	1.50	1.55	1.60	1.65	1.75	1.85	2.00	2.25	2.45	2.75	3.10	3.70	4.20	4.80	5.60
2 1/4											1.65	1.60	1.65	1.75	1.85	1.95	2.05	2.20	2.35	2.65	3.10	3.50	3.85	4.55	5.30
2 1/2												1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.90	3.30	3.65	4.20	4.70
2 3/4													2.40	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70
3														2.95	3.00	3.05	3.10	3.15	3.20	3.30	3.40	3.50	3.60	3.70	3.80
3 1/4																	3.90	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70
4																		4.90	5.10	5.20	5.30	5.40	5.50	5.60	5.70

Brass Wood Screws.

No.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	22	24	26	28	30
In																									
1/4	10.84	.84	.88	.92	.97	1.04																			
3/8		.84	.87	.92	.97	1.04	1.12	1.20	1.35	1.50															
1/2			.92	.96	1.02	1.08	1.20	1.30	1.45	1.65	1.90	2.15													
5/8				.96	1.00	1.08	1.15	1.30	1.40	1.60	1.85	2.10	2.40	2.65	3.00	3.30	3.70	4.10	4.55						
3/4					1.12	1.18	1.25	1.40	1.55	1.75	2.00	2.30	2.65	3.00	3.30	3.70	4.10	4.55	5.05						
7/8						1.40	1.50	1.55	1.60	1.65	1.90	2.20	2.50	2.90	3.35	3.70	4.10	4.55	5.05	5.60					
1							1.65	1.70	1.80	2.10	2.45	2.80	3.15	3.65	4.10	4.55	5.05	5.60	6.15	7.40					
1 1/4								2.10	2.25	2.35	2.45	2.85	3.20	3.50	4.10	4.65	5.35	5.85	6.55	7.50	7.85	9.35	10.45		
1 1/2									2.95	3.05	3.10	3.20	3.30	3.65	4.25	4.65	5.35	5.85	6.65	7.60	8.35	9.15	10.85	12.65	14.50
1 3/4										3.35	4.00	4.10	4.20	4.70	5.35	6.05	6.70	7.35	8.65	9.50	10.45	12.40	14.50	16.85	18.90
2											5.25	6.30	6.40	6.15	6.85	7.55	8.45	9.75	10.70	11.70	13.15	15.00	16.90	21.00	

Parker-Kalon Hardened Sheet Metal Screws



No. 6—x 3/8" (3/32x 3/8")	per gross, \$
No. 7—x 1/2" (1/8x 1/2")	per gross, \$
No. 10—x 3/4" (3/16x 3/4")	per gross, \$
No. 10—x 1 1/4" (3/16x 1 1/4")	per gross, \$
No. 14—x 7/8" (1/4x 7/8")	per gross, \$
No. 14—x 1 1/2" (1/4x 1 1/2")	per gross, \$

Above prices are for either Round or Flat Head.

Finishing Washers

Countersunk for Oval Head Screws.



Pressed Brass.

Nos.	4	6	8	10	12	14	16
Nickel Plated.....gross,	\$1.00	1.10	1.20	1.30	1.50	1.90	2.20

Special Countersunk Washers

Brass, Nickel Plated



Screw Size, No. 4.....per gross, \$1.50

Brass Escutcheon Pins

Length, inches	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2
No. 10	\$1.46	1.44	1.42	1.40	1.38	1.34	1.32
No. 11	1.48	1.46	1.44	1.42	1.40	1.36	1.34
No. 12	1.50	1.48	1.46	1.44	1.42	1.38	1.36
No. 13	1.52	1.50	1.48	1.46	1.44	1.40	1.38
No. 14	1.54	1.52	1.50	1.48	1.46	1.42	1.40
No. 15	1.56	1.54	1.52	1.50	1.48	1.44	1.44
No. 16	1.64	1.60	1.56	1.52	1.50	1.48	1.48
No. 17	1.78	1.74	1.70	1.66	1.62	1.60	1.60
No. 18	1.92	1.98	1.84	1.80	1.80	1.84	1.84
No. 19	2.20	2.10	2.00	2.00	2.06	2.06	2.10
No. 20	2.40	2.30	2.20	2.20	2.30	2.30	.....

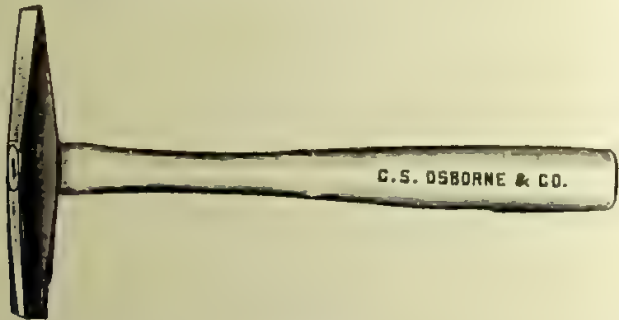
One Pound in a Box.

Trimmers' Tools

Trimmers' Hammers



No. 59—With Claw, White Hickory Handle.....each, \$4.00



No. 220—Riveting, White Hickory Handle.....each, \$2.30

Magnetic Hammers



No. 712—Head 8 oz., Nickel Plated.....each, \$3.50

Trimmers' Tools

Trimmers' Stuffing Irons



No. 118—Stuffing Iron, 18 inch.....each, \$1.50

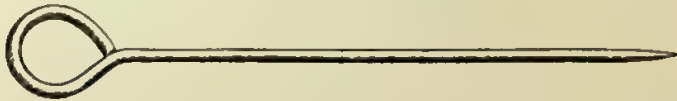
Dash or Trimmers' Clips



For Holding Leather on Frame while Stitching.....per dozen, \$1.90

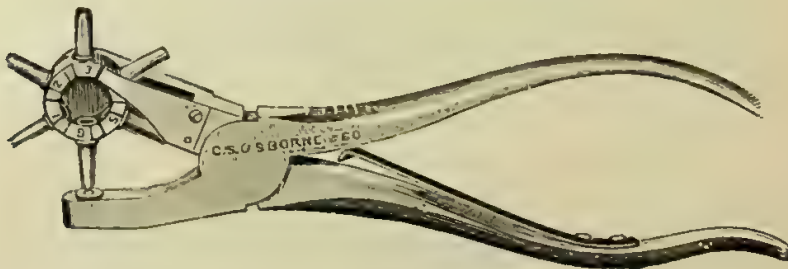
Upholsterers' Pins

Large Eye



Inches	3	3½
Per Gross	\$3.00	4.50

Revolving Punches



No. 155—Side Spring, Six Tubes.....each, \$4.50

Cap Knife

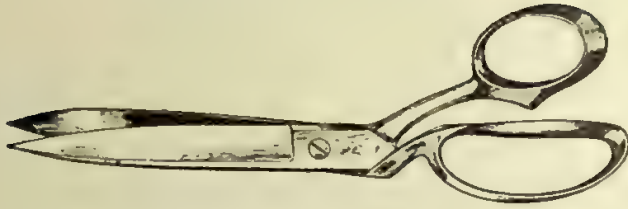


No. 79—Round Handle

each, \$1.00

Trimmers' Tools

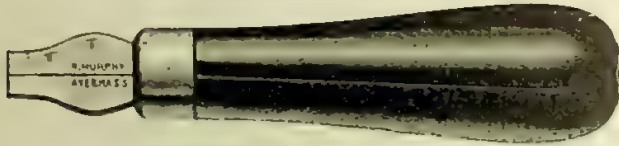
Bent Trimmers' Shears



Japanned Handles

Length, inches	10	12
Length of Cut, inches.....	5	6
Each	\$4.50	5.00
12 inch, Left Hand Shears.....	per pair, \$6.00	

Extension Blade and Handles



No. 0—Extension Blade Handle.....each, \$1.60
Full length of handle $4\frac{1}{4}$ inches.



No. 1—Extension Blade Handle.....each, \$2.50
Full length of handle $4\frac{1}{8}$ inches.



No. 1—Extension Blade, $\frac{1}{2}$ in. wide 6 in. long.....each, \$0.50

Square Point Knife



No. 76—Square Point

each,	\$1.00
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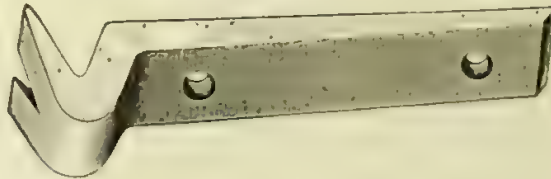
Trimmers' Tools

Prick Punches



No. 418—Prick Punch, 4½ inch.....each, \$0.50

Trimmers' Hammer Claw

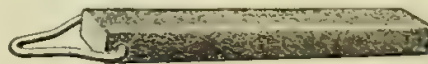


No. 82—Hammer Claweach, \$1.40

Upholsterers' Regulators



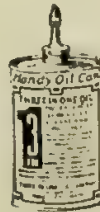
No. 306—Regulator, 12 inch.....each, \$1.00



No. 97—Trimmers' Knife Stone.

No. 97—8x1¼x¾ incheach, \$1.30

This stone is just the right grit to put a good sharp edge on your knife in quick time, as it is a very rapid cutter. Used dry.

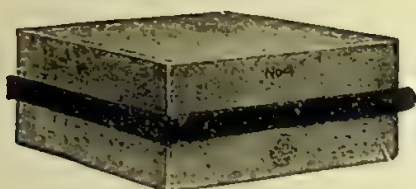


Three in One Oil, 3 oz. Handy Can.....each, \$0.70

Three in One Oil, 8 oz. Bottleeach, 1.20

Die Cutting Blocks

Sectional Hard Maple



No. 4—18x15x10 inches deep.....each, \$
No. 4—14x10x10 inches deep.....each,

Needles

Tufting Needles



Single Eye, Single Point.

6, 8, 10, 12 and 14 inches.....each, \$0.45
Per Dozen4.80

One Dozen in a Paper.

Glovers' Needles



Egg Eye.

Nos.	000	00	0	1	2	3	4
Per Paper	\$0.90	.90	.90	.90	.90	.90	.90

Twenty-five in a Paper.

Curved Needles

Leather Type



Length, inches	2 1/2	3	4	5	6
Per Dozen	\$2.00	2.50	2.50	3.00	3.80

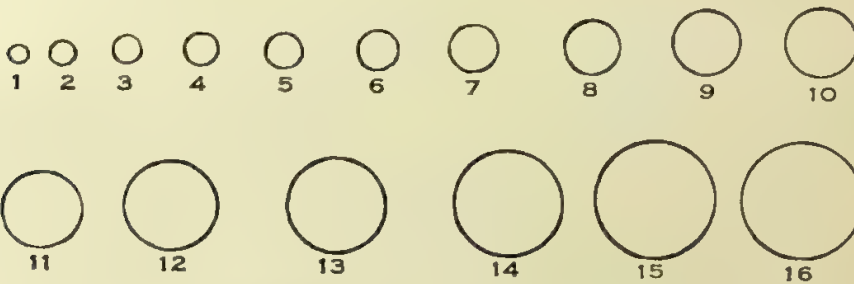
Trimmers' Tools

Round Punches.



No. 147 Round Punches.

Nos.....	1 to 6	7 to 10	11-12	13-14	15-16
Each	\$0.70	.80	1.00	1.25	1.50



Cuts are actual size of holes punched.



No. 149—Round Punches.	Arch Hdle,	$\frac{3}{4}$ and $\frac{7}{8}$ in. hole.....	\$ 5.00
No. 149—Round Punches.	Arch Hdle,	1 and $1\frac{1}{8}$ in. hole.....	5.50
No. 149—Round Punches.	Arch Hdle,	$1\frac{1}{4}$ in. hole.....	6.10
No. 149—Round Punches.	Arch Hdle,	$1\frac{1}{2}$ in. hole.....	7.20
No. 149—Round Punches.	Arch Hdle,	$1\frac{3}{4}$ and $1\frac{7}{8}$ in. hole.....	9.90
No. 149—Round Punches.	Arch Hdle,	2 in. hole.....	11.00
No. 149—Round Punches.	Arch Hdle,	$2\frac{1}{4}$ and $2\frac{3}{8}$ in. hole.....	12.20
No. 149—Round Punches.	Arch Hdle,	$2\frac{1}{2}$ and $2\frac{5}{8}$ in. hole.....	13.20
No. 149—Round Punches.	Arch Hdle,	$2\frac{3}{4}$ in. hole.....	15.40
No. 149—Round Punches.	Arch Hdle,	3 in. hole.....	17.60
No. 149—Round Punches.	Arch Hdle,	$3\frac{1}{8}$ and $3\frac{1}{4}$ in. hole.....	18.70
No. 149—Round Punches.	Arch Hdle,	$3\frac{1}{2}$ in. hole.....	19.80
No. 149—Round Punches.	Arch Hdle,	$3\frac{5}{8}$ and $3\frac{3}{4}$ in. hole.....	20.90
No. 149—Round Punches.	Arch Hdle,	$3\frac{7}{8}$ in. hole.....	21.70
No. 149—Round Punches.	Arch Hdle,	4 in. hole.....	22.00

Brass Grommets with Washers



Gun Metal Finish.

No. 0—Opening $\frac{7}{32}$ inch	per gross, \$0.80
No. 1—Opening $\frac{1}{8}$ inch	per gross, .90
No. 2—Opening $\frac{3}{8}$ inch	per gross, 1.30
No. 3—Opening $\frac{7}{8}$ inch	per gross, 1.75
No. 4—Opening $\frac{1}{2}$ inch	per gross, 2.20

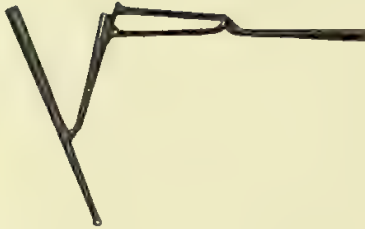
Grommet Setting Dies



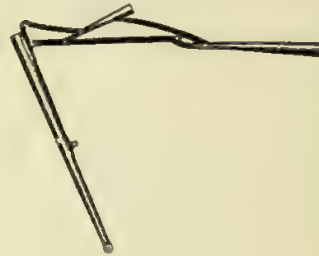
No. 0—Hand Die	per set, \$4.00
No. 1—Hand Die	per set, 4.30
No. 2—Hand Die	per set, 4.50
No. 3—Hand Die	per set, 4.70
No. 4—Hand Die	per set, 5.50
No. 5—Hand Die	per set, 6.00

Auto Bow Sockets

One Man Top Construction.



Style H.



Style I.

Style H—3 Bow, for Top Lengths 52 to 58 inches,
Black Japannedper set, \$11.00

Style I—3 Bow, for Top Lengths 45 to 50 inches,
Black Japannedper set, 11.00



Style A—4 Bow, for Top Lengths 88 to 92 inches,
Black Japannedper set, \$13.00

Style B—4 Bow, for Top Lengths 93 to 98 inches,
Black Japannedper set, 13.00



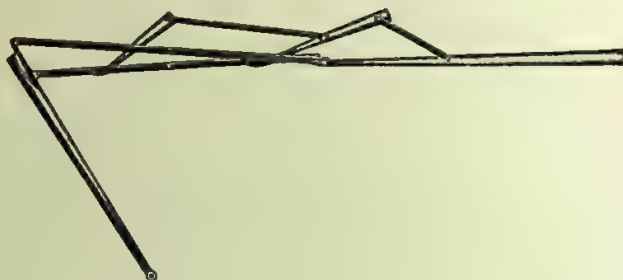
Style C—5 Bow, for Top Lengths 94 to 100 inches,
Black Japannedper set, \$14.00

Style D-E—5 Bow, for Top Lengths 101 to 110 inches,
Black Japannedper set, 14.00

Style F-G—5 Bow, for Top Lengths 111 to 120 inches,
Black Japannedper set, 14.00

Auto Bow Sockets

One Man Top Construction.



- Style P**—4 Bow, for Top Length 80 inches,
Black Japannedper set, \$11.00
- Style K**—4 Bow, for Top Lengths 84 to 88 inches,
Black Japannedper set, 11.00
- Style O**—4 Bow, for Top Lengths 93 to 98 inches,
Black Japannedper set, 12.00



- Style M**—5 Bow, for Top Lengths 96 to 104 inches,
Black Japannedper set, \$14.00
- Style N**—5 Bow, for Top Lengths 106 to 114 inches,
Black Japannedper set, 14.00



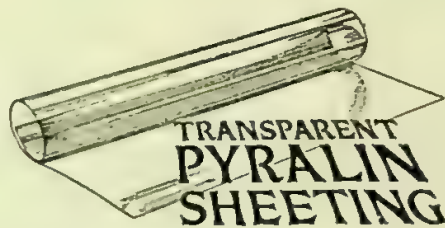
- No. 42**—4 Bow, for Top Lengths 92 to 98 inches,
Black Japannedper set, \$12.00
- No. 2245**—4 Bow, for Top Lengths 95 to 100 inches,
Black Japannedper set, 12.00

Bow Socket Repair Tubes
Main Tube.

Black Japanned, 35 inches long.....each, **\$3.00**

Bow Socket Rivets.

Joint Rivets and Washers.....per dozen, **\$1.00**



Thickness $12\frac{1}{2}$ —1000, Size 20x50 inches.....per sheet, **\$2.25**

Thickness 15 —1000, Size 20x50 inches.....per sheet, **2.50**

Thickness 20 —1000, Size 20x50 inches.....per sheet, **3.50**

Bow Coverings and Head Linings.

No. 100—Black Drill, 50 inches wide.....per yard, **\$0.80**

No. 110—Drab Drill, 50 inches wide.....per yard, **.80**

No. 65—Black and White Whipcord, 54 inches wide.....per yard, **1.10**

No. 75—Brown and White Whipcord, 54 inches wide.....per yard, **1.10**

Bias Cut Bow Covering.

$6\frac{1}{2}$ inches wide.

No. 1000—Black Drill, 75 yard roll.....per piece, **\$8.50**

No. 1100—Drab Drill, 75 yard roll.....per piece, **8.50**

No. 650—Black and White Whipcord, 75 yard rolls.....per piece, **9.00**

No. 750—Brown and White Whipcord, 75 yard rolls.....per piece, **9.00**

Samples and Prices on Request.

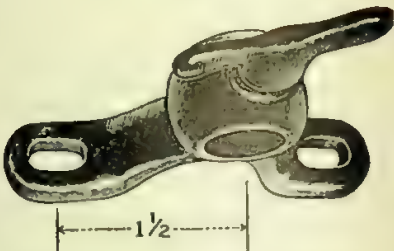
Windshield Clamps

(For One-Man Tops.)

Japanned.



No. 140.



No. 142.

- No. 140— $\frac{3}{4}$ inch Offset for tops which overhang the wind-
shield only a short distance.....per pair, \$0.90
- No. 142— $1\frac{1}{2}$ inch Offset for tops which overhang the wind-
shield, more than two inches.....per pair, 1.00

Short Automobile Bows



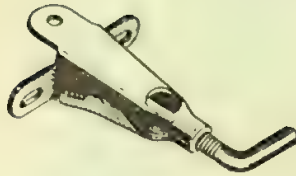
Four Bows to a Set.

- $1 \times 1\frac{1}{2}$ inches, 18 inches High, A Grade Oak.....per set, \$3.60
- If over 60 inches wide outside, add 10% to list.
- Bent on 6 or 8 inch radii.
- Stock sizes 48, 50, 52, 54, 56, 58, 60, 62, 64, 66 and 68 inch, outside
measure.

Windshield Clamps

New Designs Which Will Take Care of Every Requirement.

Heavy Pressed Steel Construction.



No. 149.



No. 148.



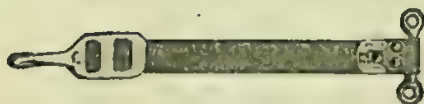
No. 147.

No. 147— $\frac{3}{4}$ inch from base to center of post hole, Bevel pointed clamp screw.....per pair, \$0.90

No. 148—1 inch from base to center of post hole, Clamp screw has a looped end fastening around windshield postper pair, .90

No. 149— $2\frac{1}{8}$ inches from base to center of post hole. Fits 1923 Fords and other makes. Bevel pointed clamp screwper pair, .90

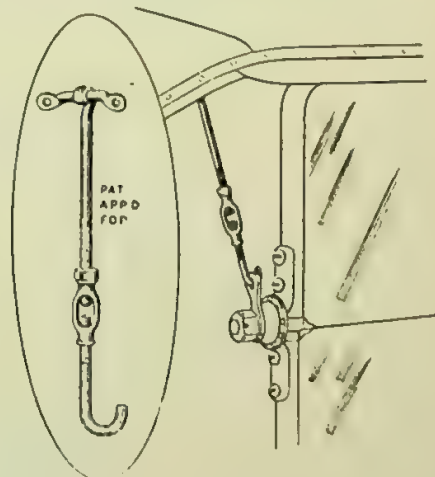
Ford Top Straps and Clamps



No. 525.



No. 530.



No. 550.

No. 525—Ford Front Straps, Black Web.....per pair, \$0.50

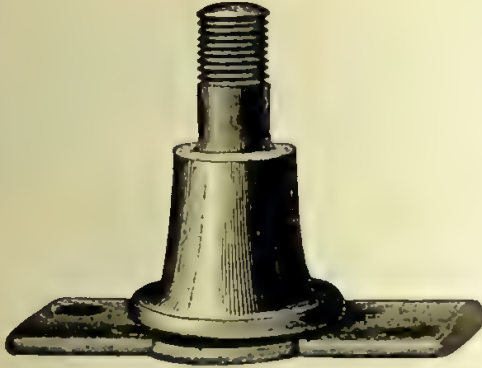
No. 530—Ford Rear Top Straps, Black Web.....per pair, .90

No. 550—Ford Steel Top Clamps.....per pair, .90

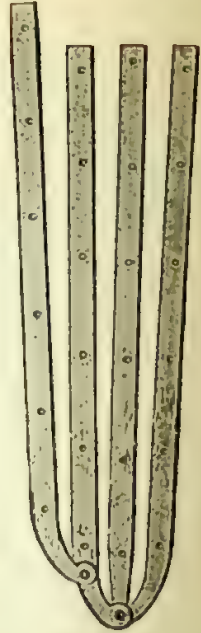
"Victoria" Slat Irons and Top Props



3 Bow.



Victoria Top Prop.



4 Bow.

Made of $\frac{3}{16} \times \frac{7}{8}$ inch Wrought Steel, Forged to Shape.
Slats 18 inches Long.

3 Bow Victoria Slat Irons.....	per set, \$11.00
4 Bow Victoria Slat Irons.....	per set, 13.00
Victoria Top Props, $\frac{1}{2}$ inch Stud.....	per set, 2.00

Set consists of two long props for two joint eyes, and two short props for one joint eye.

Victoria Top Bows



8 inch Radius. 40 inches High.

$1\frac{1}{2} \times 1\frac{1}{2}$ inch Bow.....	each, \$7.00
$1\frac{1}{2} \times 2$ inch Bow.....	each, 9.00

Stock size 62 inch, inside measure.

Unless otherwise specified we will furnish 2 pieces of $1\frac{1}{2} \times 1\frac{1}{2}$ inch Bows and 1 piece $1\frac{1}{2} \times 2$ inch Bow for a 3 Bow Set. 4 Bow Sets are made up of two each $1\frac{1}{2} \times 1\frac{1}{2}$ and $1\frac{1}{2} \times 2$ inch Bows.

Top Iron Plugs



No. 2570.



No. 2571.

No. 2570—Top Iron Plug, $1\frac{5}{16}$ inch Prong Type,
Black Japannedper hundred, **\$14.00**

No. 2571—Top Iron Plug, $1\frac{5}{16}$ inch Loop Type,
Black Japannedper hundred, **14.00**

The most efficient device for concealing the hole in the body for the removable top holder stud.

Ford Windshield Curtain Hooks



No. 1.



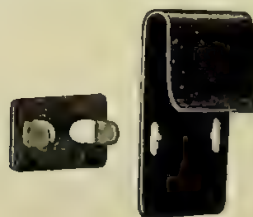
No. 2.

No. 1—Black Japanned Finish.....per gross, **\$1.50**

No. 2—Black Japanned Finish.....per gross, **1.50**

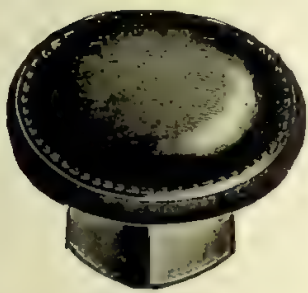
Side Curtain Hook

Ford and Chevrolet Type.



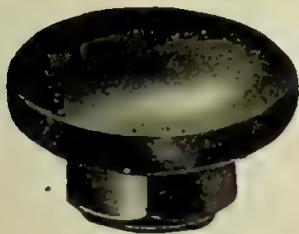
No. 50—Side Curtain Hook, Black Japanned.....per hundred, **\$2.00**

Top Prop Nuts



Grain Dash, Leather Covered.

No. 45—2 inch, $\frac{7}{16}$ or $\frac{1}{2}$ inch Hole.....per gross, \$40.00



No. 200.



No. 201.

No. 200—1½ inch, Japannedper gross, \$ 6.00

No. 209—1½ inch, Brass or Nickel.....per gross, 10.00

No. 201—With Common Sense Fastener, 1½ inch, $\frac{7}{16}$ inch Holeper gross, 17.00



No. 203.

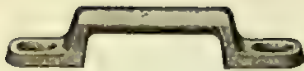


No. 202.

No. 202—With Lift the Dot Fastener Stud, 1¼ inch, $\frac{7}{16}$ inch Holeper gross, \$12.00

No. 203—With Durable Dot Stud, 1½ inch, $\frac{7}{16}$ inch Hole..per gross, 12.00

Footman Loops



No. 6407 Japanned.



No. 60 Extra Heavy.

No. 60 Malleable Iron, Japanned.

Loop, inches	1	1¼	1½
Per dozen	\$0.80	.90	1.00

No. 60 Brass, Nickel Plated.

Loop, inches	1	1¼	1½
Per dozen	\$2.50	3.00	3.50

No. 6407 Malleable Iron, Japanned.

Loop, inches	1	1¼	1½	2
Per gross	\$3.00	3.50	6.00	6.50

Back Stay Attachments



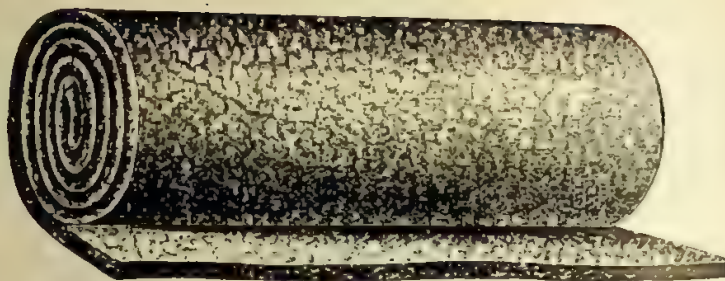
No. 141.



No. 143.

No. 141—Japanned, for 1 inch Webbing.....	per hundred, \$4.50
No. 143—Japanned, for 1 inch Webbing.....	per hundred, 7.50

Wadding



No. 432—4 Pounds to the Roll.....per bale, \$30.00
No. 532—5 Pounds to the Roll.....per bale, 28.00

No. 432, 180 Yards to Bale; No. 532, 144 Yards to Bale.
Each Roll Contains 12 Yards.

Cotton Batting

For Top Pads, Cushions and Piping.



J. S. Batting, 27 inches wide.....per pound, \$0.28
J. S. Batting, 9 inches wide.....per pound, .28
J. S. Batting, 4 inches wide.....per pound, .28

Excelsior and Wood Wool



Excelsiorper bale, \$4.50
Wood Woolper bale, 6.00

In Bales of 75 to 100 Pounds. Not Sold in Less than Full Bales.

Cushion and Back Springs



Japanned.

Cushion, No. 10 Wire, 3, 4, 5, 6, 8 and 10 inches.....	per pound, \$0.25
Back, No. 14 Wire, 4½, 6 and 8 inches.....	per gross, 5.00

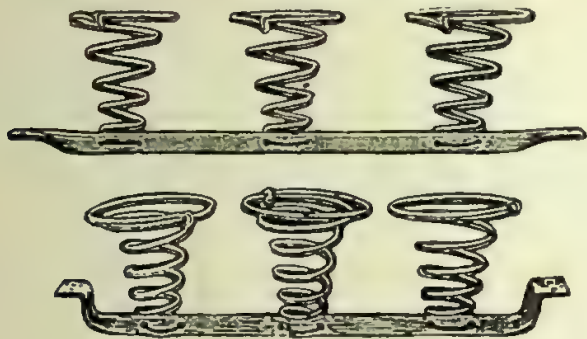
Marshall Ventilated Cushion Spring Strips



Illustration shows how the springs are staggered in the grouping, which is one of the basic features. The canvas pocket is another, preventing the springs from crawling out of place and becoming entangled. Springs are 2¼ inches in diameter, each strip containing 32 springs sewed in a separate pocket. Each strip measures 6 feet in length and may be cut to any desired length. Furnished in a variety of heights.

4 inch Springs, No. 16 wire, per strip, 32 springs.....	each, \$1.70
6 inch Springs, No. 16 wire, per strip, 32 springs.....	each, 2.25
8 inch Springs, No. 16 wire, per strip, 32 springs.....	each, 3.00

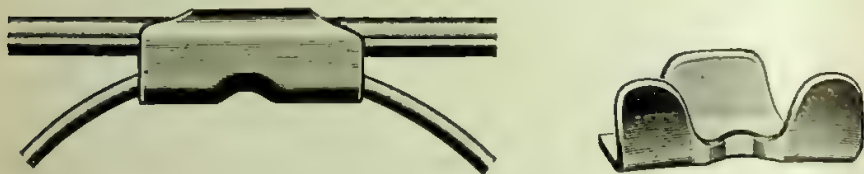
Spring Cushion Attachments



For Box Frame Cushions. Straight or Drop Pattern.
In Lengths of 14 to 20 inches.....per hundred, \$25.00

Springs Made of No. 10 Steel, 3½ inches High, Steel Band has Grooves
into which Spring is Forced, Band Punched for Nailing.

Three Prong Spring Clips



No. 9—Spring Clipsper gross, \$1.00

These Clips are suitable to No. 6 and 7 Border Wire and No. 10 and
14 Spring Wires.

Double Pointed Tacks



Width Length		
No. 8—3/16x13/32	inch.	No. 16 Gauge.....per pound, \$0.40
No. 9—7/32x 7/16	inch.	No. 16 Gauge.....per pound, .39
No. 10—1/4 x15/32	inch.	No. 16 Gauge.....per pound, .38
No. 11—9/32x 1/2	inch.	No. 15 Gauge.....per pound, .36
No. 12—5/16x 5/8	inch.	No. 15 Gauge.....per pound, .34
No. 14—5/16x11/16	inch.	No. 14 Gauge.....per pound, .34
No. 16—3/8 x 3/4	inch.	No. 14 Gauge.....per pound, .34

Curled Hair



A Quality to suit your requirements carried in stock.
Put up in sacks of 25 and 50 pounds.
Samples and prices on request.

Curled Hair Interlaced on Burlap



30 inches wide, best quality, A Grade.....	per pound,	\$0.60
30 inches wide, medium quality, B Grade.....	per pound,	.70
30 inches wide, common quality, C Grade.....	per pound,	1.00

Bales contain about 50 pounds.

Moss



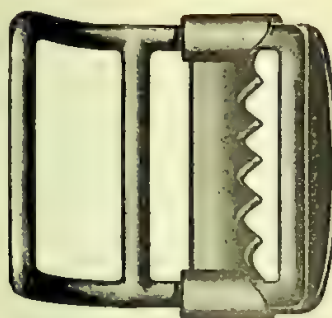
XXX Quality	per pound,	\$0.28
XXXX Quality	per pound,	.29

In bales of about 150 pounds.
Prices and samples on application.

Web Strap Buckles



No. 1016.



No. 1055.

No. 1016—Nickel Plated, for 1/2 inch Strap.....	per gross, \$.....	
Inches	1 1/4	1 1/2
No. 1055—Webb Strap Buckles.....	per gross, \$12.00	13.50

Web Strap Tips



No. 1 Web Tips.

Inches	3/4	7/8	1	1 1/8	1 1/4	1 1/2
No. 1—Web Tips.....	per gross, \$0.80	.80	1.10	1.75	1.85	2.25

Hook and Skate Buckles



No. 1037.



No. 40 Skate.

Inches				7/8	1
No. 1037—Japanned				per gross, \$10.75	11.10
Inches	1/2	5/8	3/4	7/8	1
No. 40—Japanned	per gross, \$2.80	3.30	3.90	4.90	5.70

Cleaning Fluids



NACTO the fabric cleaner and spot remover. Oil, grease, tar, paint, grime, chewing gum and food spots are quickly removed by Nacto. Cleans heavy materials such as coats, rugs, carpets, draperies and upholstery, also fine materials such as lace, silk, satin and kid.

Nacto Cleaner	per ½ pint,	\$0.80
Nacto Cleaner	per pint,	1.20
Nacto Cleaner	per quart,	1.80
Nacto Cleaner	per gallon,	5.50

Nacto Slip Cover Wash

For Cleaning Slip Covers, Tops and Curtains.

Will not shrink fabric.

Will not injure rubberized materials.

No special equipment is required for its use. Merely apply it with a scrub brush. Grime and grease dissolve at its touch.

Nacto Slip Cover Wash.....	per gallon,	\$3.00
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A self-lathering, condensed, grease cutting soap.

Will clean upholstery fabrics of any character, carpet or curtains.

Will clean khaki tops, remove water stains and cleans all head-linings in cape tops.

Buster Cleaner	per can,	\$3.00
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For Cleaning Cloth, Plush, Velvet, Corduroy or Tapestry Upholstery and Silk Curtains.

Karith—1 Gallon	each,	\$6.00
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Auto Top Dressing

For Mohair, Leather, Rubber or Artificial Leather Tops.



West's Auto Top Dressing.

1 Gallon Can.....	per can, \$5.50
½ Gallon Can.....	per can, 2.90
¼ Gallon Can.....	per can, 1.60

Fiebing Carriage Top Dressing



NOT FOR CUSHIONS.

Pints	each, \$0.90
Quarts	each, 1.50
Gallons	each, 5.00

Top and Cushion Dressing

Fiebing.

Bright or Dull Finish.



Pints	each, \$1.20
Quarts	each, 2.20
Gallons	each, 7.00

Leath-R-Nu.



1 Gallon Can.....	per can, \$7.30
1/4 Gallon Can.....	per can, 2.40
1/8 Gallon Can.....	per can, 1.40

Craftsman Cement.



A specially prepared adhesive for applying Artificial Leather to Automobile Bodies, California Tops, Automobile Trunks, etc.

Craftsman Cement	per gallon, \$14.00
Craftsman Cement	per quart, 3.75

Aut-O-Sek



Black or Clear.

A guaranteed preservative, waterproofing and rich finish for auto tops.

Clear for new tops and Black for old and faded tops of Mohair, Panta-sote, etc. Wiped on with a rag—as easy as washing off the top. Will positively Waterproof leaky tops.

Pints	each, \$1.50
Quarts	each, 2.40
Half Gallons	each, 4.20
One Gallon	each, 6.00
Five Gallons	per gallon, 5.80

Can-Va-Sek

Clear.



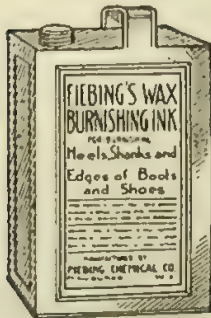
A Waterproofing and Preservative for Bus, Wagon, Truck Covers, Auto Tents and Camping equipment.

One Gallon	per gallon, \$3.70
Five Gallon	per gallon, 3.50

Auto Top Lining Dye



Fiebing Auto Top Lining Dye, Black	per quart, \$2.25
Fiebing Auto Top Lining Dye, Black	per gallon, 6.25
Nu-Back Auto Top Lining Dye, Drab	per quart,
Nu-Back Auto Top Lining Dye, Drab	per gallon,



Dutch Brand Auto Top Cement.

For Repairing Tops, Cushions and Seat Covers.

1/4 Pint Cans	each, \$0.25
Pint Cans	each, .90
Quart Cans	each, 1.50
Gallon Cans	per gallon, 4.00

Wax Burnishing Ink.

Fiebing Wax Burnishing Ink.....	per quart, \$0.80
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The Paste Supreme

B B

Prepared Paste.



A Cement without an equal on Cloth or Leather. Its tenacity not affected by climatic conditions. Of a consistency suitable to usual requirements without the necessity of adulteration. Should paste become hardened or prove too heavy, add a small portion of water.

BB Prepared Paste.....each, \$3.00

Put up in Friction Top Cans of One Gallon Contents.



Le Page's Glue.

Pints	per can, \$1.50
Quarts	per can, 2.50
One Gallon	per can, 7.50

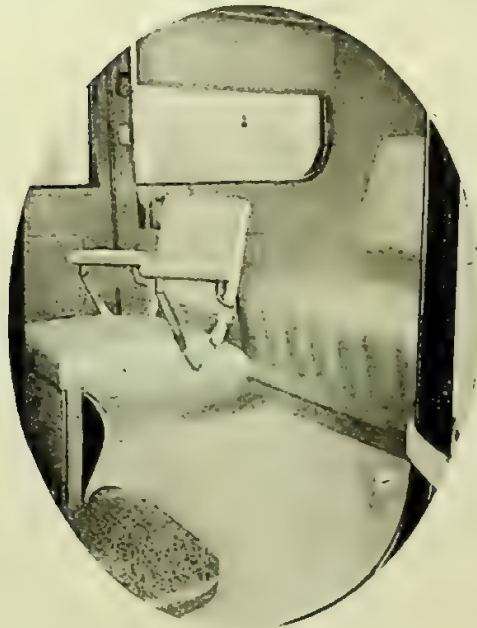
Friction Tape.

$\frac{3}{4}$ inch wide.

8 oz. Roll.....each, \$0.80

Upholstery Fabrics

Wool and Piece Dyed Broadcloth, Mohair Velvet, Velour,
and Tapestries. Whipcords and Bedfords.



The character of any motor car interior depends upon the beauty of the Upholstery fabrics. .

Color blendings, smart designs, exceptional quality in material, harmony throughout; qualifications contained in our Cloths, Mohair Velvet, Velour, Whipcords and Bedfords, Curtain Silks and Carpets.

Samples and prices on application.

Broad Laces

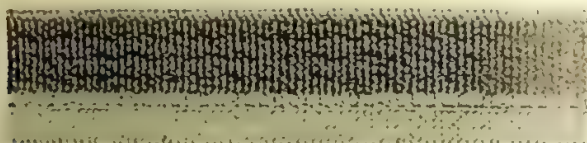


2½ inches Wide.

Stock Colors: Green, Blue, Maroon, Black and Drab.

50 yard pieces.....per yard, \$2.00

Seaming and Pasting Laces



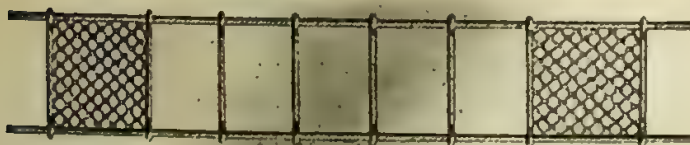
Pasting.

Stock Colors: Green, Blue, Maroon, Black and Drab.

In pieces of 50 yards each.....per yard, \$0.30

Special shades and patterns to match cloths in stock.

Luggage Carrier



Silk Netted Combination Hat Rack and Luggage Carrier.

54 inches Long by 10 inches Wide.....each, \$ 9.00

43 inches Long by 15 inches Wide.....each, 10.00

Furnished in shades to match Trimmings.

Tassels

Acorn or Trigger.



No. 73.....per dozen, \$7.00

Curtain.



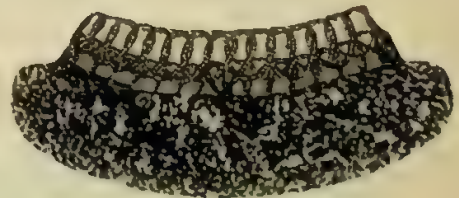
No. 94.....per dozen, \$9.00

Silk Frogs.



No. 90.....per dozen, \$16.00

Pompon Holder.



No. 1.....per dozen, \$20.00

Furnished in shades to match cloth and laces.

Grab Handles or Toggle Grips



Silk-covered twisted cotton with nickered anti-rattle fixture.

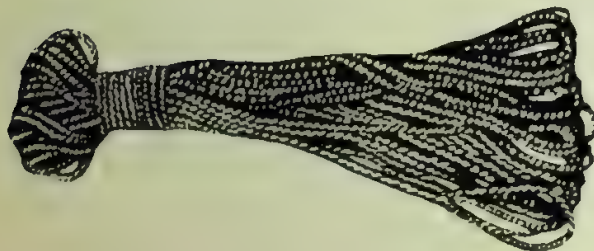
No. 1056—Toggle Gripseach, \$7.50

Silk Curtain Bands



No. 854—Silk Curtain Bands.....per pair, \$2.50

Silk Curtain Cord and Gimp Tacks



Silk Curtain Cord.....per yard, \$0.12
No. 861—Silk Gimp Tacks.....dozen, 1.00

Bouquet Holders

Non-Splashable.

Cut Glass.



No. 566.



No. 535.



No. 536.

Silver Mounted.

No. 535—Height 8 inches.....	each, \$12.50
No. 536—Height 7 inches.....	each, 10.50
No. 566—Height 8 inches.....	each, 11.00

Bouquet Holders

Non-Splashable.

Cut Glass. Duncan Process.



No. 3 Rosalind



No. 2 Floradora.



No. 6 Colonial.

No. 2—Floradora, length $7\frac{3}{4}$ inches.....each, \$4.00
Octagonal shape, hand etched.

No. 3—Rosalind, length 8 inches.....each, \$4.50
Hexagonal shape, delicately hand etched.

No. 6—Colonial, length $7\frac{3}{4}$ inches.....each, \$4.50
The aristocrat for the most critical.

These Vases combine the foremost features of beauty and style, quality of glass and originality of design. Equipped with brackets of most practical design so that emptying of water can be accomplished without the use of tools, yet absolutely permanent and rattle-proof.

Bouquet Holders

Non-Splashable.



No. 1637—Metal Flower Vase.....each, \$4.00

Made of special copper alloy, Non-Tarnish Satin Nickel Finish. Length 6 inches, extreme width 2 inches.

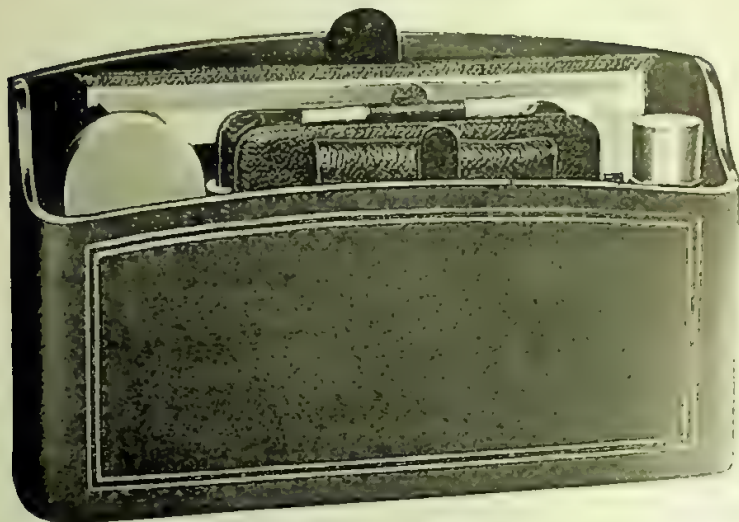


No. 632—Cut glass, Silver Mounted.....each, \$10.00

Length 8 inches.

Vanity Cases

Mahogany.

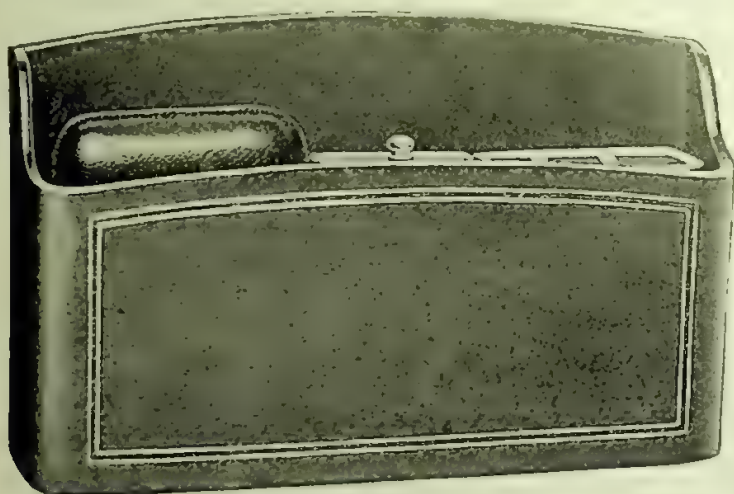


No. 304 Ladies'.

Length $7\frac{7}{8}$ inches. Height $4\frac{1}{6}$ inches. Width $1\frac{1}{6}$ inches.

Equipped with black morocco covered beveled plate glass mirror, $6\frac{5}{8}$ inches by $3\frac{1}{8}$ inches, memorandum book with pencil, case with book of powdered beauty leaves, metal case containing rouge and face powder compacts, and one pungent.

Priceeach, \$36.00



No. 305 Smoker's.

Length $7\frac{7}{8}$ inches. Height $4\frac{1}{6}$ inches. Width $1\frac{1}{6}$ inches.

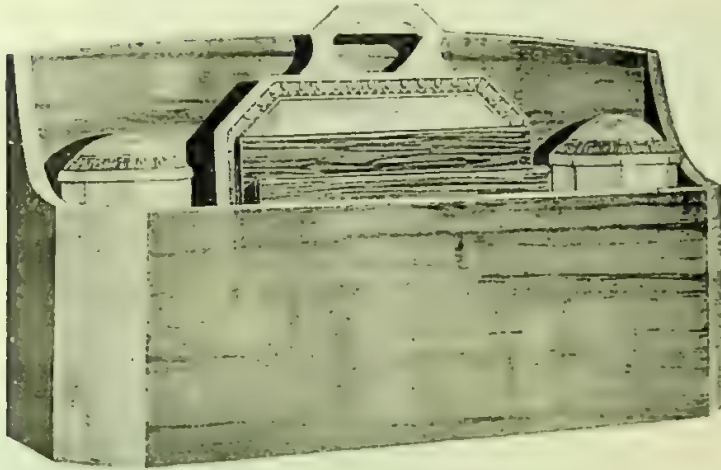
Equipped with ash tray, safety match box holder and black morocco cigarette case.

Priceeach, \$27.00

Vanity Cases

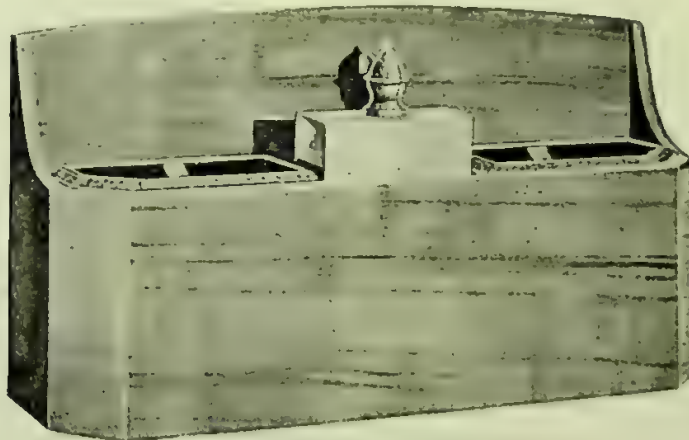
Period Design.

Non-Tarnish Satin Nickel Finish.



No. 1024—Ladies' Toilet Case.....each, \$45.00

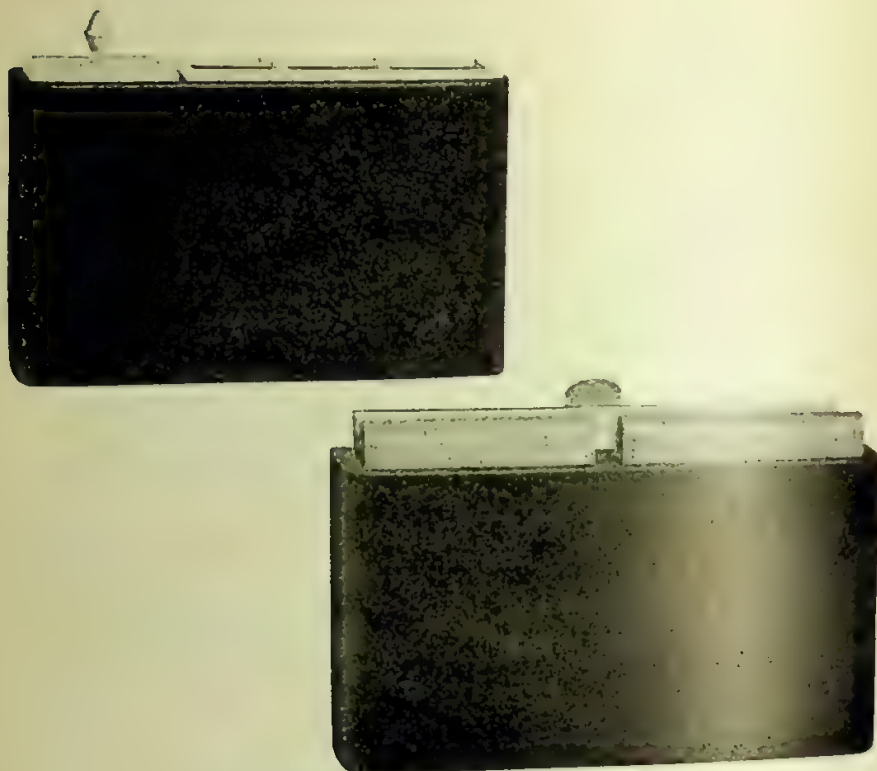
Case Mahogany or Ebony. Fitted with Memorandum Book, Card Case, Smelling Salts Box, Mirror and Vanity Box.



No. 1023—Gentlemen's Smoking Case.....each, \$23.00

Case, Mahogany or Ebony. Fitted with Safety Match Holder and Ash Receivers.

Vanity Cases



No. 16280—Smoking Caseeach, \$11.00

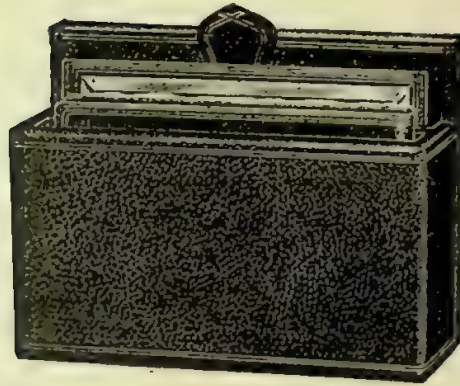
Made of Hard Rubber. The assembly includes match-box and ash-receiver both having a satin nickel finish.

No. 16290—Ladies Toilet Case.....each, \$11.00

Made of Hard Rubber. The assembly includes leather card-case with two card pockets; leather covered memorandum book, silk lined; mirror bound in leather. Leather fittings can be supplied in Gray or Black.

These cases may be had in Walnut, Mahogany or Ebony finish.

Toilet Cases



No. 22—Toilet Caseeach, \$7.50

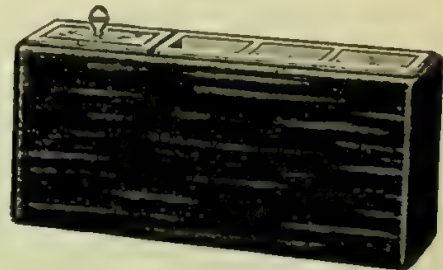
Case covered with Black, Brown or Gray Leather, equipped with Mirror, Combination Card Case and Note Book with Pencil.

Size, $5 \times 3\frac{3}{4} \times 1\frac{1}{2}$ inches.

No. 20 and No. 22 make a very attractive set for the small car.



No. 30.



No. 28.

No. 30—Ladies' Toilet Case.....each, \$12.50

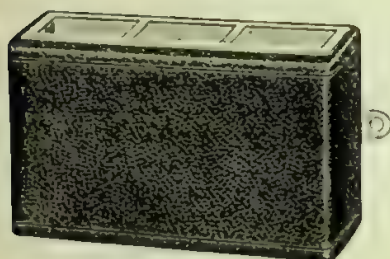
No. 28—Gentlemen's Smoking Case.....each, \$10.00

Finished in Red or Brown Polished Mahogany or covered with Black, Brown or Gray Leather.

Size, $6 \times 3 \times 1\frac{1}{2}$ inches.

No. 28 and 30 are a splendid combination set.

Ash Receptacles



No. 24.



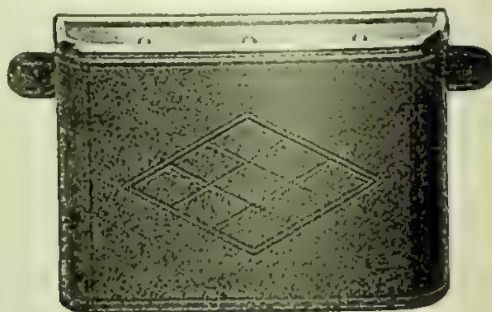
No. 20.

No. 24—Ash Receiver, Genuine Leather covered in either Black,
Brown or Gray.....each, \$3.00
Size 4 inches long, $2\frac{1}{4}$ inches high, $1\frac{3}{8}$ inches deep.

No. 20—Ash Receiver, Genuine Leather covered in either Black,
Brown or Gray.....each, \$5.00
Size, 5 inches long, $3\frac{3}{4}$ inches high, $1\frac{1}{2}$ inches deep.



No. 81.

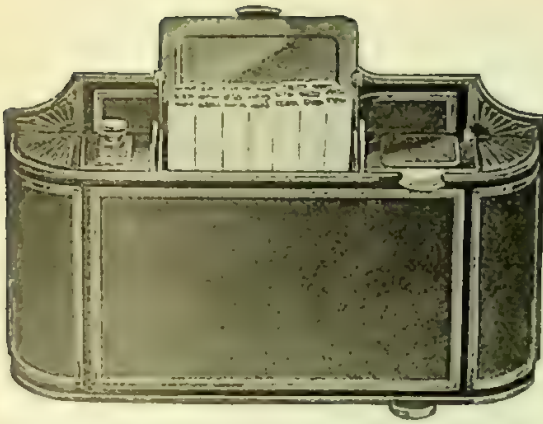


No. 01.

Combination Match Holder, Cigar Rest and Ash Receiver.
Silver Safety Match Box Holder, Ash Receiver and Cigar Rest.

No. 81—Size, $4\frac{3}{4}$ inches long, 4 inches high (back), $3\frac{3}{8}$ inches
high (front), $1\frac{1}{2}$ inches deep.....each, \$12.00

No. 01—Size $4\frac{1}{8} \times 3$ inches.....each, 8.00



The "Cig-A-Dor"

A distinctive smoking set for the motor car.

No. S.A.-3—DeLuxe Auto
Cig-A-Doreach, \$13.00

The Cig-A-Dor, a compact and handsome Smoking Set. It is three conveniences in one. It provides a clever case for cigarettes, a compartment for matches with a handy scratching surface, and a convenient receptacle for ashes and stubs.

The cigarette case is particularly ingenious. When the cover is lifted, the cigarettes come up invitingly within easy reach. When the cover closes, the cigarettes disappear within the case where they are kept in perfect condition—always clean, fresh and ready for use.

The matches, in a covered compartment with handy scratching surface are equally convenient and the covered ash receiver is a distinctive feature, not only for serving as a receptacle for ashes and stubs, but also as an extremely effective "snubber" for lighted cigarettes, eliminating the disagreeable after-smoke and odors. The receptacle can be instantly removed and emptied from underneath by merely turning a knob.

"The Vani-Dor"

A Companion Piece to the
Cig-A-Dor for the Ladies.

No. S.V.-3—DeLuxe Vani-
Doreach, \$13.00



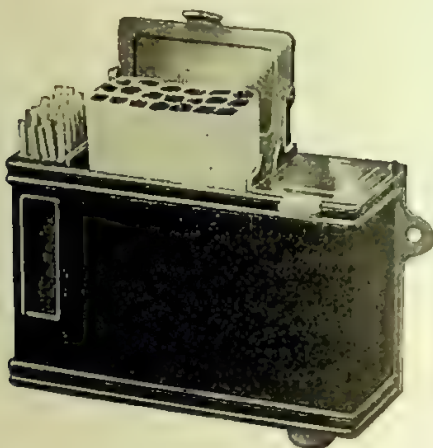
Similar in appearance to the Cig-A-Dor, the Vani-Dor provides a much-needed convenient case for carrying cosmetics, visiting cards, etc., while motoring. The case is lined with velour, with adjusting partitions.

Women welcome the Vani-Dor because it relieves them of the necessity of carrying these articles while motoring. By simply raising the lid, the entire contents are made easily accessible. The Vani-Dor is the most practical vanity case ever produced for use in an automobile.

Finish, Genuine Art Florentine Leather and Platinum finished nickel.

The Cig-A-Dor and Vani-Dor

Standard Models.



The Standard Model of the Auto Cig-A-Dor has the same clever mechanical features of the De Luxe models, but is not so elaborate in design. Finished in Genuine Morocco Leather (Black) and highly polished nickel. This model is especially adapted for installation on the instrument board of the automobile, where the driver finds it extremely handy and serviceable. He can select a cigarette, light it, and deposit the ashes and stubs without releasing the wheel or taking his eyes from the road. A neat, attractive, serviceable necessity.

No. A-1—Moroccoeach, \$7.00



The Standard Vani-Dor is a companion piece to the Standard Model Cig-A-Dor shown above. Has the same mechanical features as the De Luxe Vani-Dor. The interior is lined with velour, and the exterior is finished in Black Morocco Leather and gleaming nickel. Especially adapted for Milady's coupe or roadster.

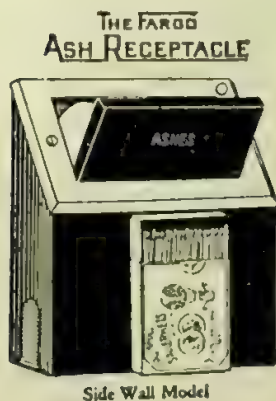
No. V-1—Moroccoeach, \$7.00

Contents not included.

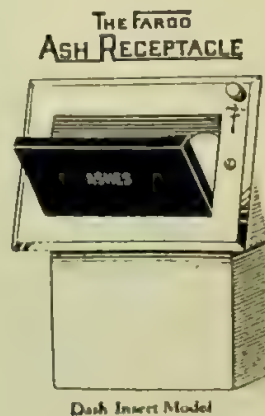


Especially designed to meet the requirements of the most exacting and fastidious trade.

Fargo, DeLuxe, die cast, face plate polished Nickel.....each, \$5.00



Side Wall Model

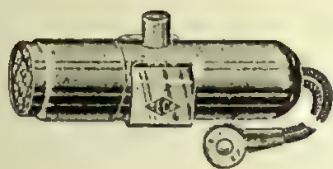


Dash Insert Model

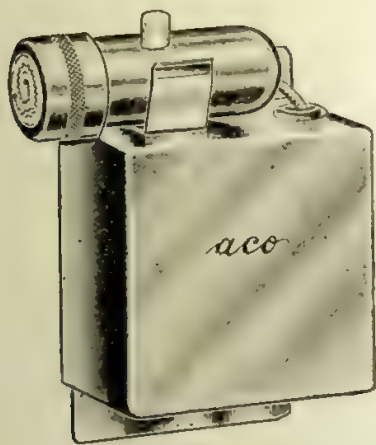
Fargo, Side Wall model, Black Enameled with nickel trimmings....each, \$2.50

Fargo, Standard Dash Insert Model, Black Enameled with Nickel
trimmingeach, 2.50

Electric Cigar Lighters



No. 5—Nickel Plated, without reel.....each, \$4.50



No. 15.

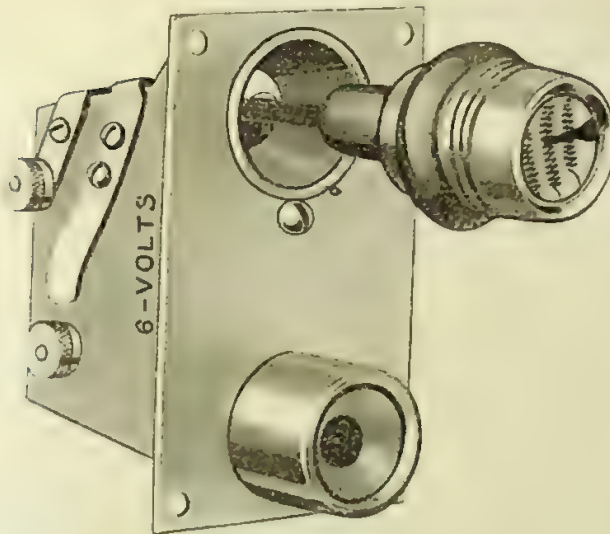
No. 15—Surface Type, Nickel Plated.....each, \$6.50

No. 15—Flush Type, Nickel Plated.....each, 6.50

Extra Tips for above Cigar Lighters.

6 to 8 Volt Resistance.....each, \$1.40
12 to 16 Volt Resistance.....each, 1.40

Cigar Lighter and Cutter

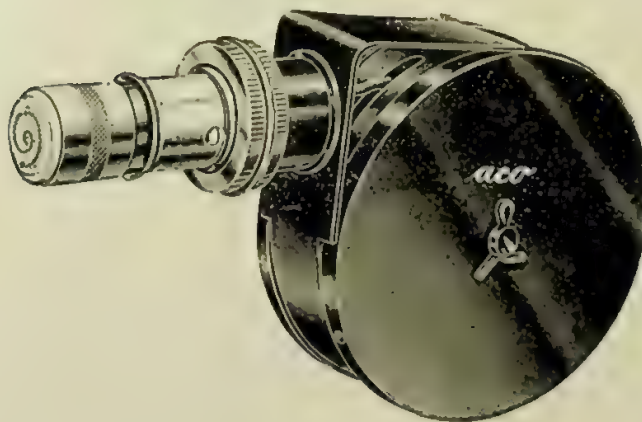


No. 306.

No. 306—Cigar Lighter and Cutter.....each, \$13.00

Spring Reel Winder, Flexible Cord, Face Plate $2\frac{1}{8} \times 1\frac{3}{8}$ inches.

Depth $1\frac{7}{8}$ inches.

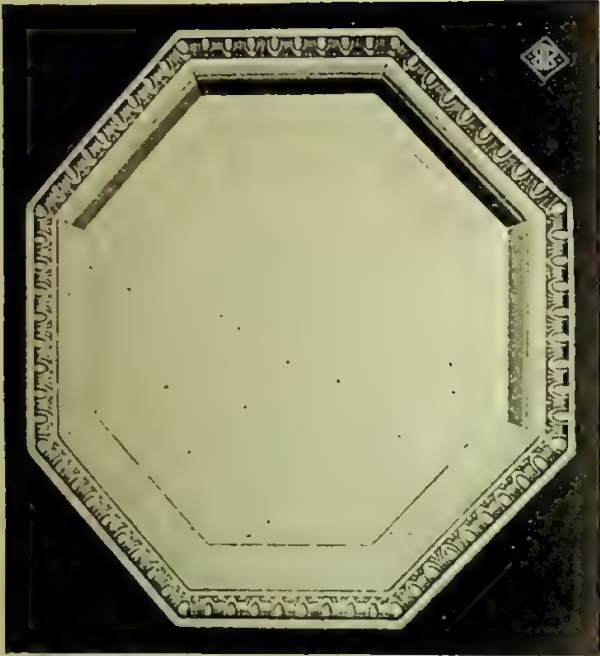


No. 17.

No. 17—Flush Typeeach, \$6.00

The reel in No. 17 fits under dash. Only the nut and Cigar Lighter show on the dash.

Interior Hardware
Non-Tarnish Satin
Nickel Finish.



No. 1038.



No. 1031.

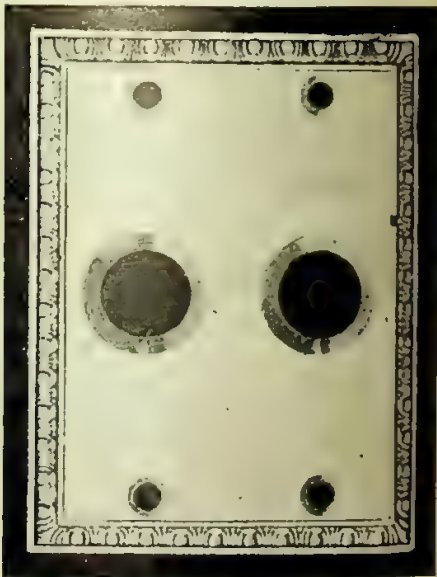
No. 1038—Interior Dome Light.....	each, \$4.50
No. 1031—Interior Corner Light.....	each, 4.25



No. 1029.



No. 1028.



No. 1050.

No. 1029—Switch Plate	each, \$0.80
(For Two-Button Switch.)	
No. 1028—Switch Plate	each, .80
No. 1050—Switch Plate	each, 1.60
(For Cutler & Hammer Switch.)	

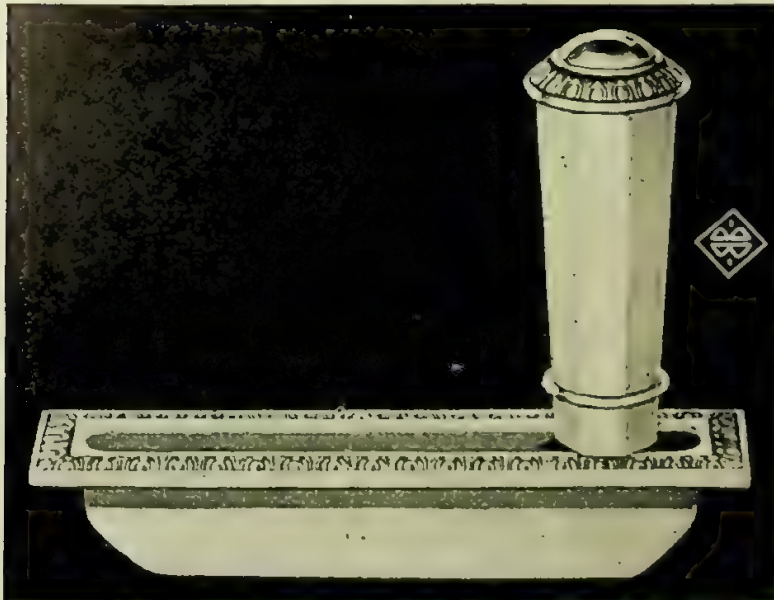
Interior Hardware

Non-Tarnish Satin Nickel Finish.



No. 1043—Curtain Roller Posts.....each, \$1.00
(For Ternstedt Rollers)

No. 1034—Lever Lock Escutcheon Plate.....each, 1.00



No. 1037—Lever Lock Handle.....each, \$1.10

No. 1027—Lever Lock or Window Strap Plate.....each, .80

Interior Hardware
Non-Tarnish Satin Nickel Finish.



No. 1025.

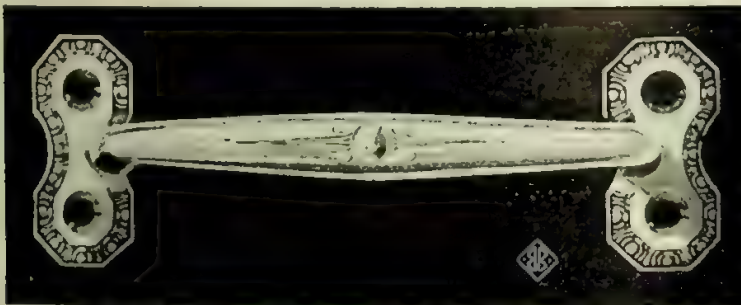


No. 1042.

No. 1025—Ternstedt Regulator Handle.....each, \$3.00
No. 1042—Footman Loopeach, 1.20

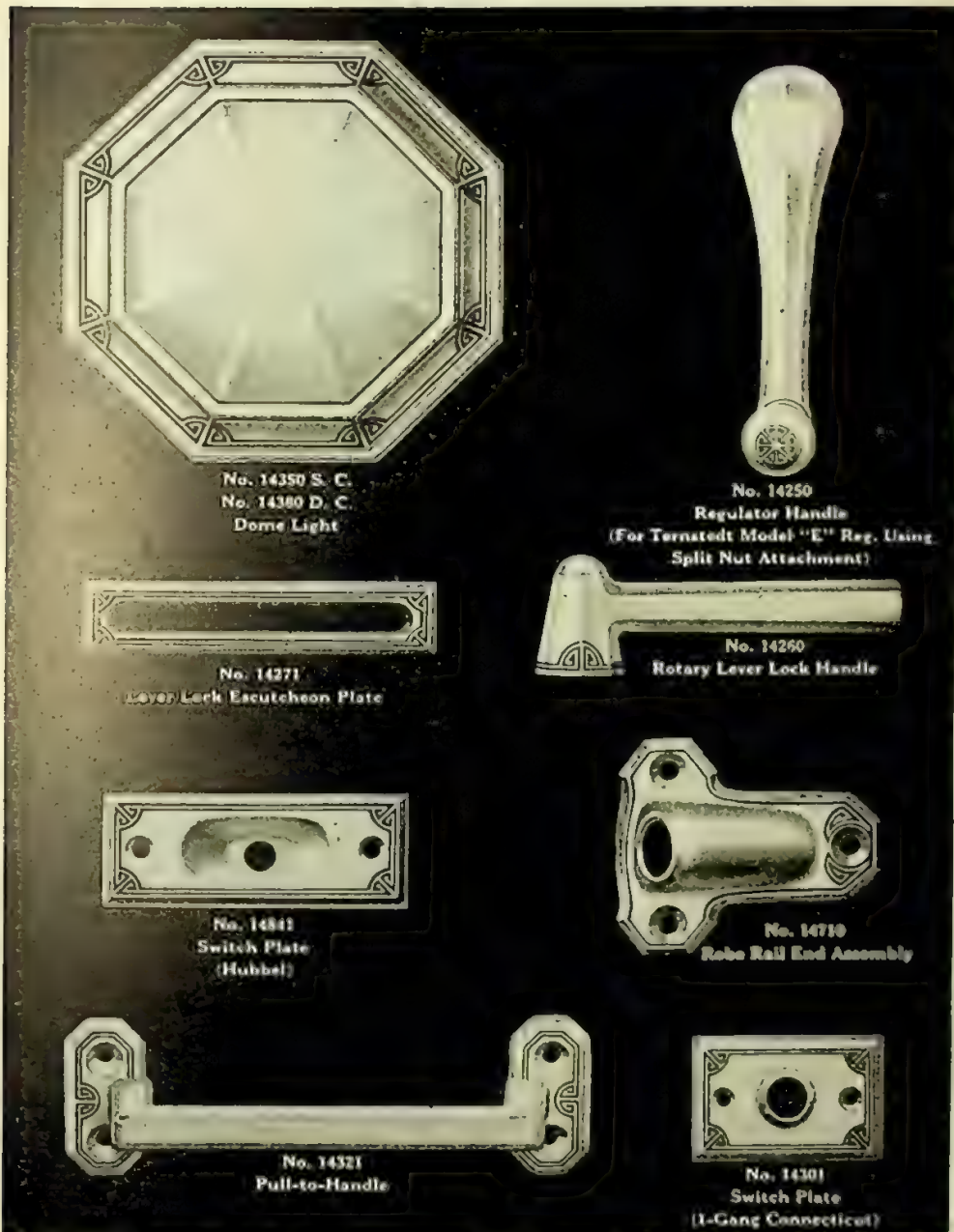


No. 1033—Window Strap Fastener.....each, \$2.75



No. 1032—Pull-to Handleeach, \$1.60

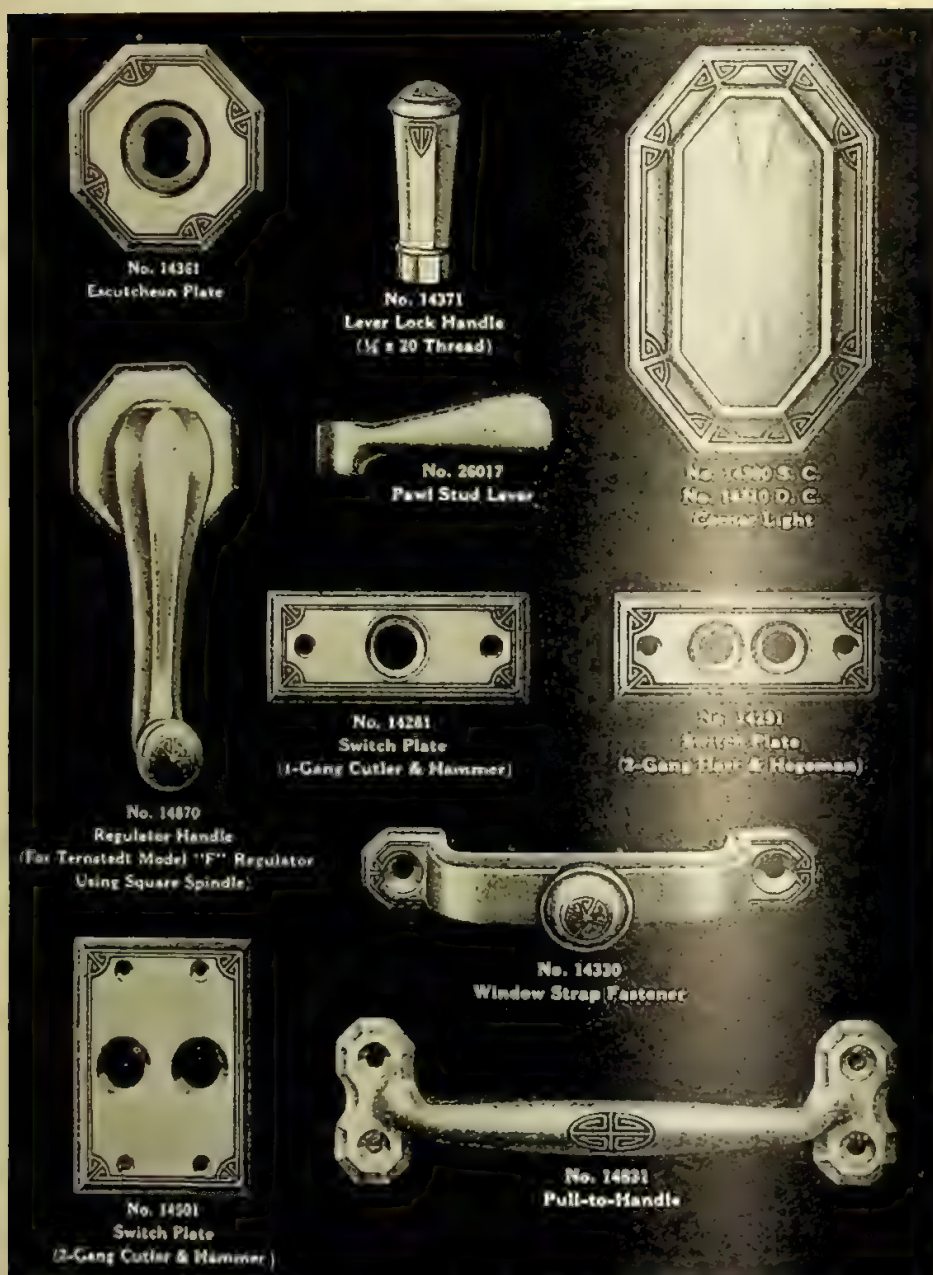
Interior Hardware
Non-Tarnish Satin Nickel Finish.



No. 14350—S. C. Dome Lamp.....	each,	\$5.00
No. 14380—D. C. Dome Lamp.....	each,	5.00
No. 14250—Regulator Handle	each,	3.50
No. 14271—Lever Lock Escutcheon Plate.....	each,	.80
No. 14260—Rotary Lever Lock Handle.....	each,	1.25
No. 14841—Switch Plate	each,	1.25
No. 14710—Robe Rail End Assembly.....	each,	3.00
No. 14321—Pull-to-Handle	each,	1.75
No. 14301—Switch Plate	each,	1.00

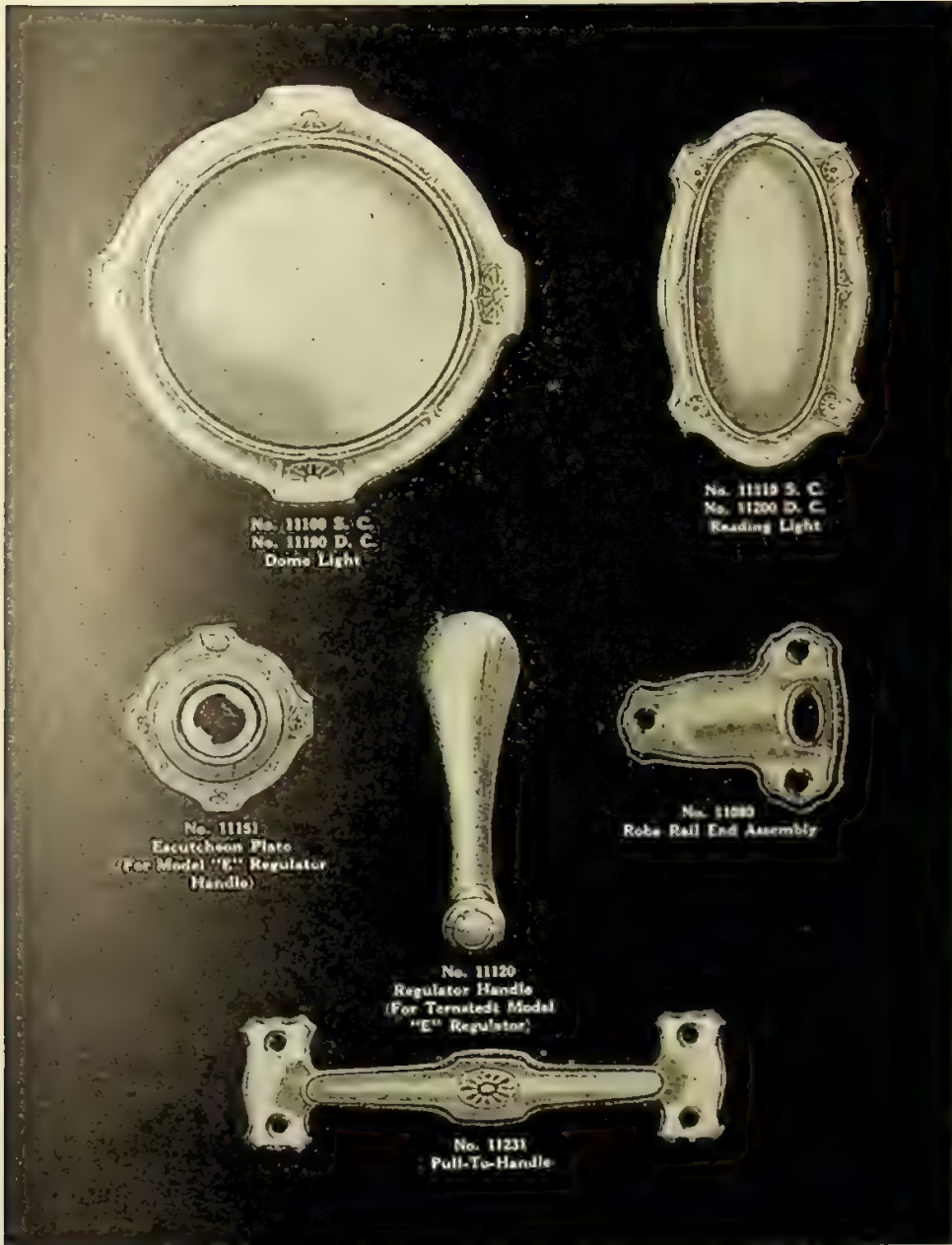
Interior Hardware

Non-Tarnish Satin Nickel Finish.



No. 14361—Escutcheon Plate	each,	\$1.00
No. 14371—Lever Lock Handle.....	each,	1.10
No. 14390—S. C. Corner Lamp.....	each,	4.50
No. 14310—D. C. Corner Lamp.....	each,	4.50
No. 14870—Regulator Handle	each,	3.50
No. 14281—Switch Plate	each,	1.00
No. 14291—Switch Plate	each,	1.75
No. 14330—Window Strap Fastener.....	each,	2.50
No. 14501—Switch Plate	each,	1.75
No. 14831—Pull-to-Handle	each,	1.75

Interior Hardware
Non-Tarnish Satin Nickel Finish.



No. 11100—S. C. Dome Lamp.....	each,	\$5.00
No. 11190—D. C. Dome Lamp.....	each,	5.00
No. 11110—S. C. Corner Lamp.....	each,	4.50
No. 11200—D. C. Corner Lamp.....	each,	4.50
No. 11151—Escutcheon Plate	each,	1.00
No. 11120—Regulator Handle	each,	3.50
No. 11080—Robe Rail End Assembly.....	each,	3.00
No. 11231—Pull-to-Handle	each,	1.75

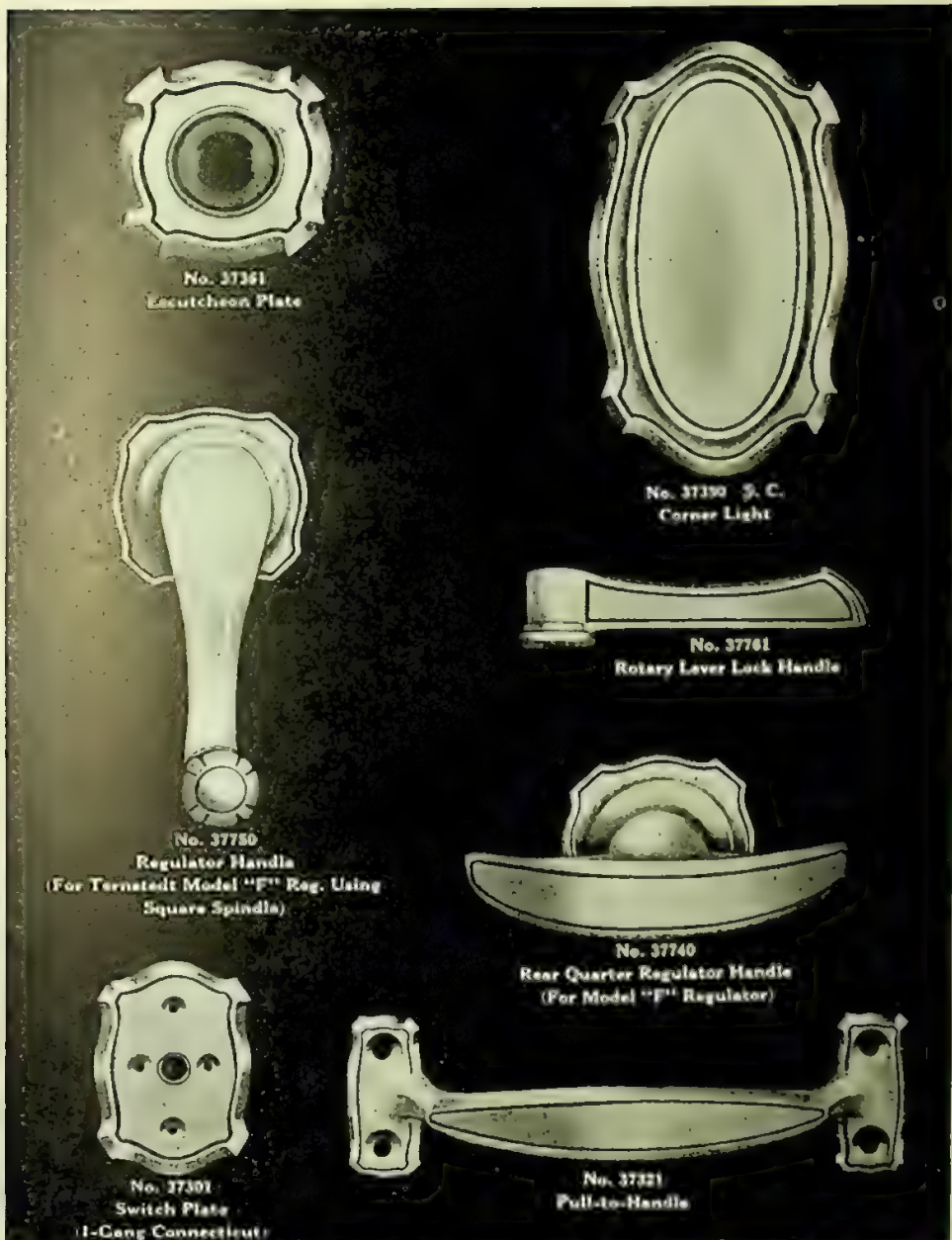
Interior Hardware
Non-Tarnish Satin Nickel Finish.



No. 11490—Rear Quarter Handle.....	each,	\$3.50
No. 11351—Switch Plate	each,	1.75
No. 11411—Switch Plate	each,	1.75
No. 11251—Switch Plate	each,	1.00
No. 11770—Regulator Handle	each,	3.50
No. 44311—Pawl Stud Lever.....	each,	.75
No. 11181—Switch Plate	each,	1.00
No. 44481—Rotary Lock Lever Handle.....	each,	1.00
No. 11141—Lock Lever Escutcheon Plate.....	each,	.80

Interior Hardware

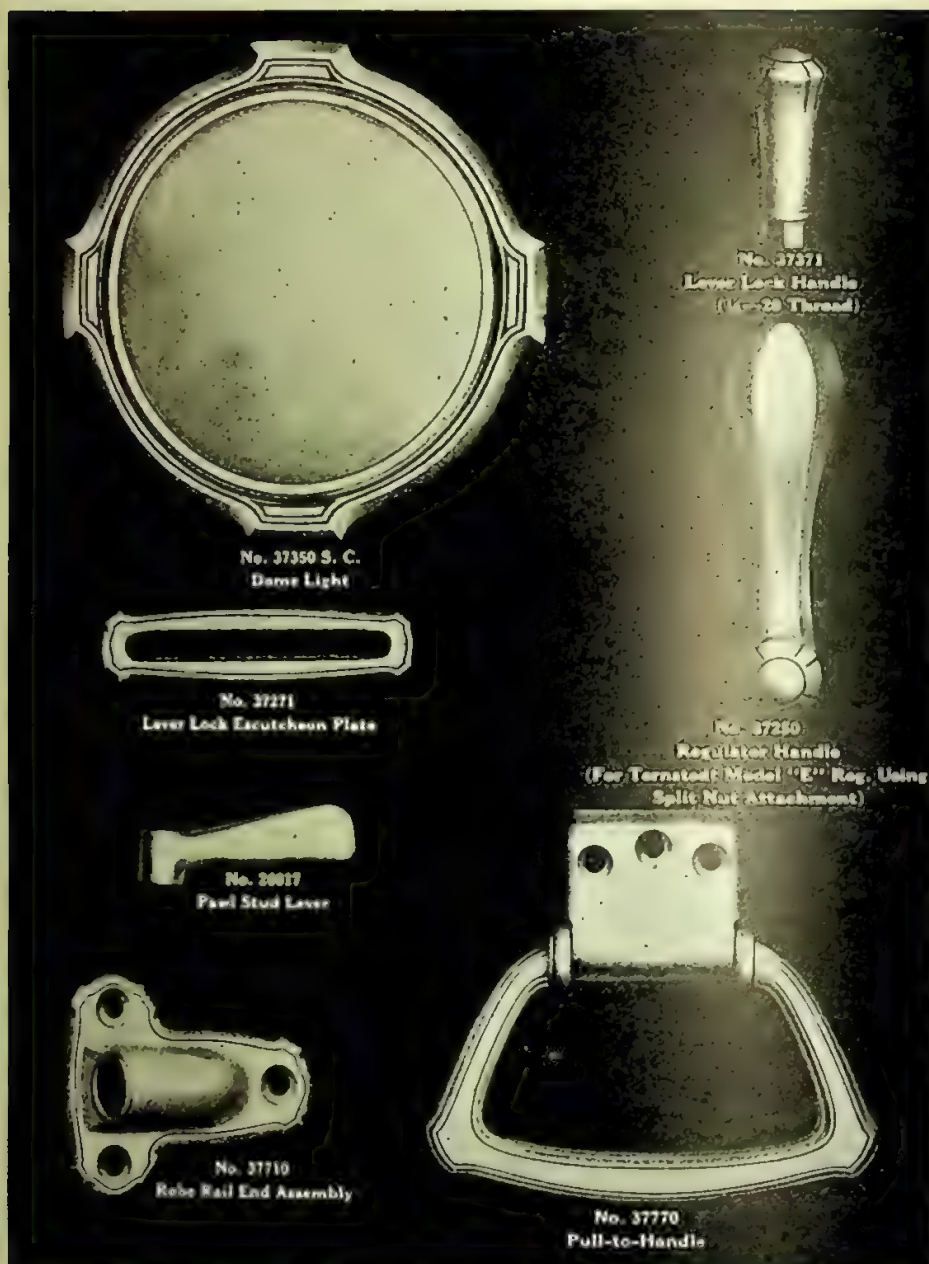
Non-Tarnish Satin Nickel Finish.



No. 37361—Escutcheon Plate	each,	\$0.50
No. 37390—S. C. Corner Lamp.....	each,	4.50
No. 37750—Regulator Handle	each,	3.50
No. 37761—Rotary Lever Lock Handle.....	each,	1.00
No. 37740—Rear Quarter Regulator Handle.....	each,	3.50
No. 37301—Switch Plate	each,	1.00
No. 37321—Pull-to-Handle	each,	1.75

Interior Hardware

Non-Tarnish Satin Nickel Finish.



No. 37350—S. C. Dome Lamp.....	each,	\$5.00
No. 37371—Lever Lock Handle.....	each,	1.10
No. 37271—Lever Lock Escutcheon Plate.....	each,	.80
No. 37250—Regulator Handle	each,	3.50
No. 26017—Pawl Stud Lever.....	each,	.75
No. 37710—Robe Rail End Assembly.....	each,	3.00
No. 37770—Pull-to-Handle	each,	2.00

Interior Corner Lamps.



No. 21—Holophane Corner Lamp, Nickel Plated.....each, \$7.00

Length over all 4 inches. Projection $4\frac{1}{2}$ inches.

Diameter of Globe $1\frac{3}{4}$ inches.



No. 26.



No. 28.

No. 26—Nickel Platedeach, \$4.00

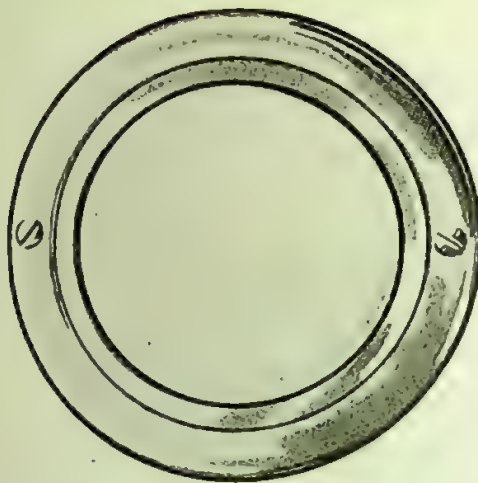
Size $4\frac{3}{8} \times 2$ inches. Glass $3\frac{1}{2} \times 1\frac{1}{4}$ inches.

Projection from Trim. $\frac{1}{8}$ inch.

No. 28—Nickel Platedeach, \$5.50

Size $5\frac{1}{2} \times 2\frac{1}{2}$ inches, Glass $2\frac{3}{8} \times 1\frac{1}{2}$ inches.

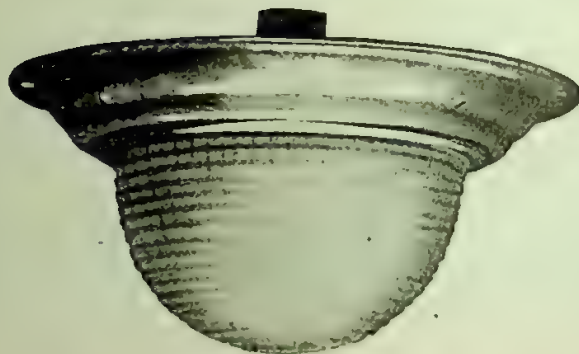
Interior Dome Lights



No. 260—Nickel Mountedeach, \$2.40

Diameter Across the Glass $2\frac{1}{2}$ inches. Extreme Diameter of Base 3 inches. Projection $1\frac{3}{8}$ inch.

Bent Glass Face, Frosted.



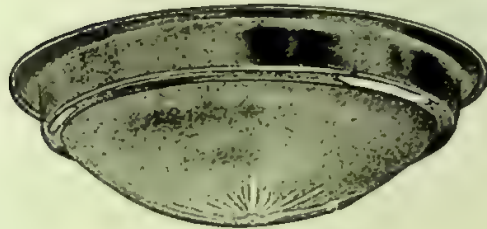
No. 311—Holophane Glass, Nickel Plated.....each, \$3.50

Diameter over all $4\frac{3}{4}$ inches, Glass $2\frac{3}{4}$ inches.

Projection from Trimming $2\frac{1}{8}$ inches.

Interior Dome Lights

Designed especially for busses.



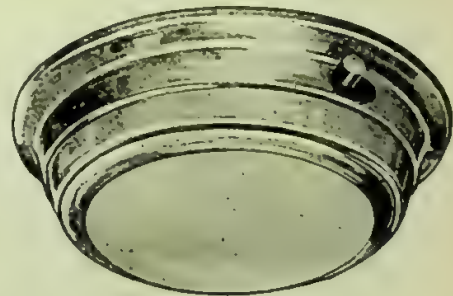
No. 5—Skiff.

No. 5—Skiff, Nickel Plated.....each, \$4.00

Extreme diameter 6 inches, diameter of glass $4\frac{5}{8}$ inches, projection from trim $1\frac{7}{8}$ inches.



No. $4\frac{1}{2}$ Vista.



No. $4\frac{1}{2}$ Vernon.

No. $4\frac{1}{2}$ —Vista, Plain Frosted Glass, Nickel Plated.....each, \$1.90

No. $4\frac{1}{2}$ —Vista, Frosted Star Cut Glass, Nickel Plated.....each, 1.90

No. $4\frac{1}{2}$ —Vernon, Plain Frosted Glass, Nickel Plated.....each, 2.00

No. $4\frac{1}{2}$ —Vernon, Frosted Star Cut Glass, Nickel Plated.....each, 2.00

No. $4\frac{1}{2}$ Vista and No. $4\frac{1}{2}$ Vernon, diameter over all $4\frac{1}{2}$ inches, diameter of glass 3 inches, projection from trim $1\frac{1}{2}$ inches.

Bus Lights.



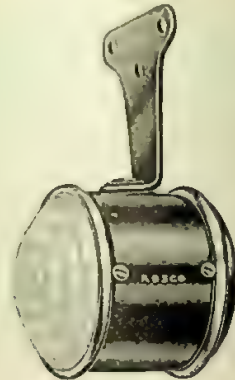
No. 7 Radium.

No. 7—Radium Dome Lamp, Flush Type.....each, \$5.00
Star Cut Plain Glass $5\frac{3}{4}$ inch diameter. Extreme diameter at base $6\frac{7}{8}$
inches. Projection from trim $\frac{3}{4}$ inch.

Designed for Two Bulbs, so placed as to give greatest possible light.



No. 106.



No. 399X.

No. 106—Dome Lamp, Flush Type.....each, \$4.20
Semaphore Type Plain Glass 4 inch diameter. Diameter at base $5\frac{3}{4}$
inches. Extreme projection $2\frac{1}{4}$ inches.

No. 399X—With Red and White and Green and White Lens.

Body $2\frac{1}{2}$ inch diameter.....per pair, \$6.00

Electric Switches



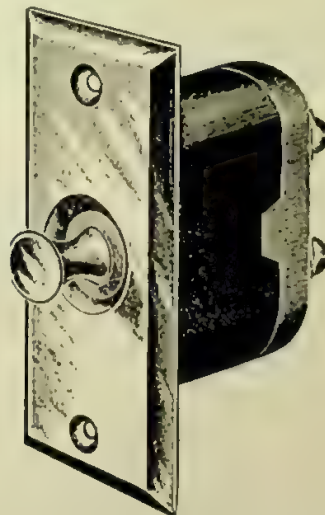
No. 2.



No. 11.

No. 2—Single, Nickel Plated Face Plate.....each, \$1.20
Beveled Edges and Countersunk Holes.

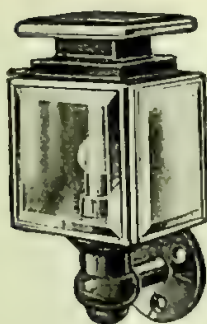
No. 11—Automatic Door Switch,
Brass to Paint.....each, \$0.90
Nickel Platedeach, 1.00
Face Plate $\frac{5}{8}$ x2 inches.



No. 81 Push and Pull Pattern.

No. 81—Single Switcheach, \$1.20
No. 82—Double Switcheach, 2.50
No. 83—3-Way Switcheach, 3.50
No. 84—4-Way Switcheach, 4.50

Side Lamps



Height of body $2\frac{3}{4}$ inches, width of body $3\frac{1}{8}$ inches, length over all $5\frac{5}{8}$ inches.

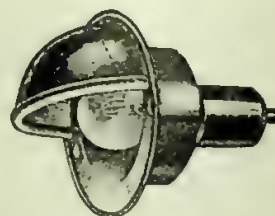
Two beveled glasses. Wiring concealed in bracket.

No. 0—Vasa, Black Enameled, Nickel Mounted.....per pair, \$18.00

Tonneau and Step Lamps



No. 3 Vine.



No. 8 Step.

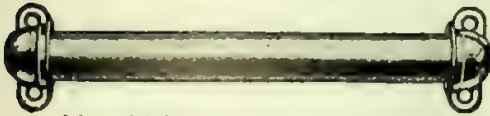
No. 3—Vine Tonneau Lamp.....each, \$4.50

Diameter over glass flange $2\frac{7}{8}$ inches, Diameter of glass $2\frac{1}{4}$ inches.

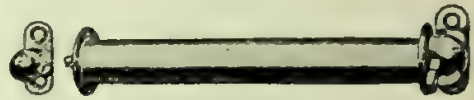
No. 8—Step Lamp, Black Enameled.....each, 2.00

Length over all $2\frac{7}{8}$ inches. Diameter of Flange $2\frac{1}{8}$ inches.

Automatic Spring Curtain Rollers



No. 2½ Plain Automatic.



No. 0 Plain Trigger.

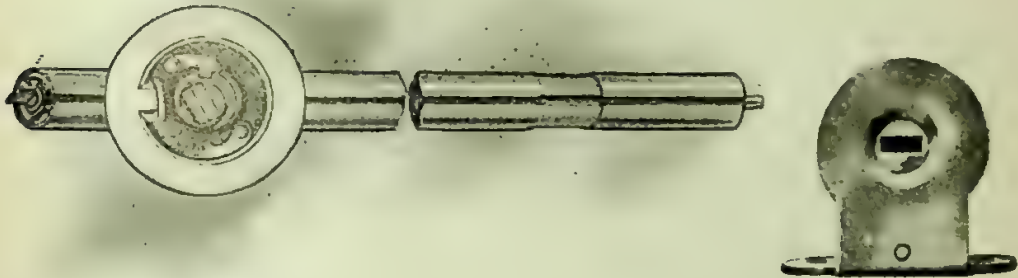
No. 2½—Automatic, all lengths, not exceeding 40 inches, Nickel
Plated Posts and Flanges.....each, \$2.10

No. 0 —Trigger, all lengths, not exceeding 40 inches, Nickel
Plated Posts and Flanges.....each, 2.10

An Extra Charge is made for Roller over 40 inches long.

Automatic Extension Curtain Rollers

Metal.



No. 115—Extension Curtain Roller.....each, \$1.70

Complete with Brackets.

Stock length 36 inches.

Curtain Sticks

Oak.

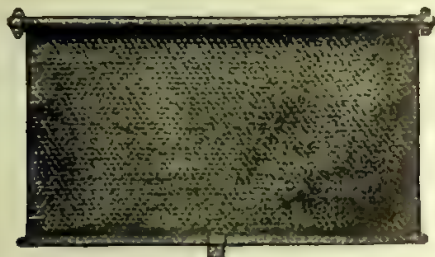


Illustration Exact Size.

12 foot Lengths.....per foot, \$0.10

Rexford Curtains

Washable.



No. 200—	28½ inches wide, 24 inches long.....	each, \$4.00
No. 300—	31⅞ inches wide, 24 inches long.....	each, 4.00
No. 400—	33⅞ inches wide, 24 inches long.....	each, 4.00
No. 600—	25⅞ inches wide, 24 inches long.....	each, 4.00

Rexford Curtains furnished in colors—Gray, Blue and Brown.

Complete, ready to install.

Colors or dimensions other than specified above may be furnished.

Prices on application.

Curtain Screw Eyes

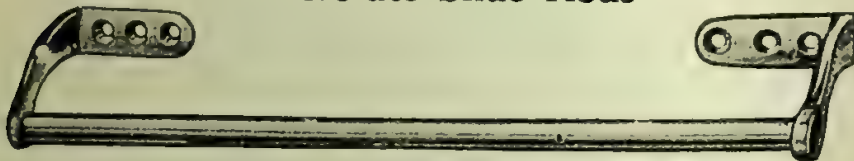


Illustration Exact Size.

¾ or 1 inch Screw.

Nickel Plated, Brass.....per gross, \$2.00

Arm Holder Slide Rods

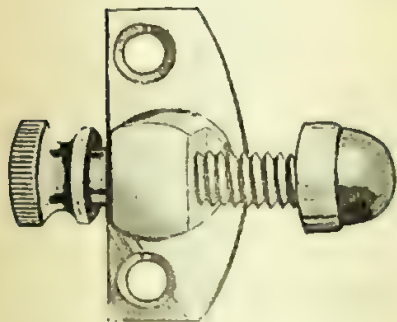


Stock Sizes: 20 inches Inside Measure.

This Fixture is made to go above the Curtain Roller and projects far enough to clear the Roller.

No. 300—Nickel, Detachable Ends.....per pair, \$5.00

Window Anti-Rattlers



No. 10 Swivel Base.

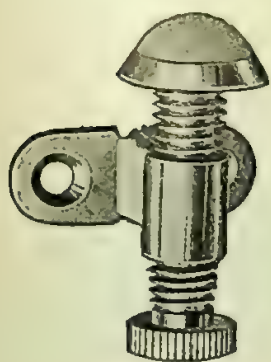


No. 51.



No. 31 Ford.

No. 10—Nickel Plated	per pair, \$1.50
No. 31—Brass, Nickel Plated.....	per pair, .90
No. 51—Steel, Nickel Plated.....	per pair, .50



No. 103.



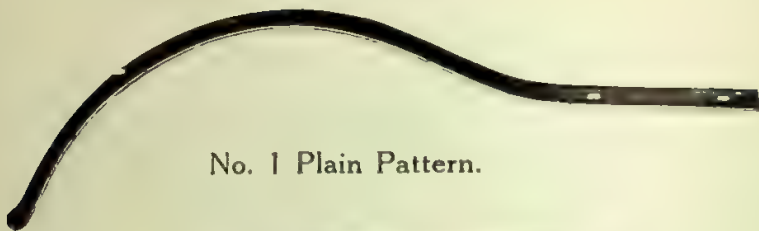
No. 50.



No. 52.

No. 103—Brass, Nickel Plated.....	per pair, \$0.50
No. 50—Brass, Nickel Plated.....	per pair, .50
No. 52—Brass, Nickel Plated.....	per pair, .50

Window Springs Anti-Rattling.



No. 1 Plain Pattern.

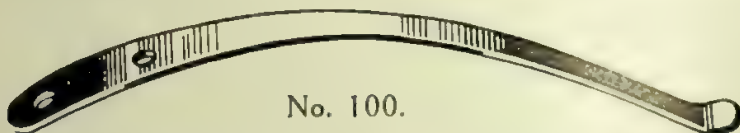


No. 3 Flanged Pattern.

Made of Steel, Tempered and Japanned.

No. 1—Plain Patternper gross, \$ 7.00

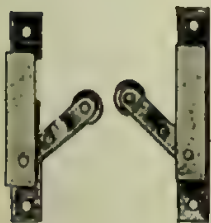
No. 3—Flanged Pattern, Rights and Lefts.....per gross, 10.00



No. 100.

The unusual length and resistance of this spring recommends it especially to Bus Window and Commercial Cab Work.

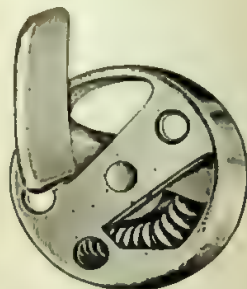
No. 100—Bright Steel, length 5 inches.....per gross, \$5.00



No. 126.



No. 600.



No. 500.

No. 126—Sash Anti-Rattlers, $\frac{1}{2}$ inch wide, $\frac{1}{2}$ inch deep, $3\frac{1}{16}$ inch long, Arm projection 1 inch, Rights and Leftsper pair, \$2.00

No. 500—Bright Steel, Rights and Lefts.....per pair, .80

No. 500 Illustration exact size.

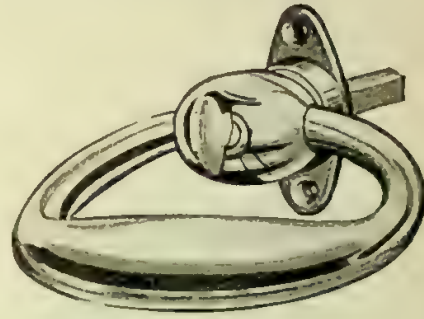
No. 600—Brass Plated, $3\frac{1}{2}$ inches long.....per dozen, 2.00

Door Handles

Of Quality and Refinement for every Requirement.



No. 400.
No. 5490.

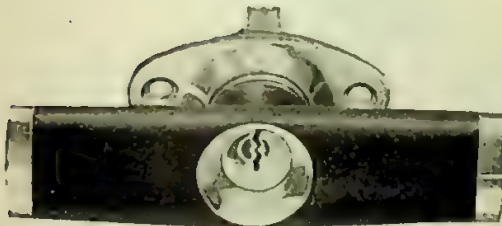


No. 105.
No. 1050.

Drop $1\frac{7}{8}$ inches. Opening $3\frac{1}{16}$ inches. Plate 2 inches high by $1\frac{1}{16}$ inch wide at center.

No. 105—Nickel Plated	per pair, \$12.00
No. 1050—Rubber Covered, Nickel Mounted.....	per pair, 16.00
No. 400—Rubber Covered, Nickel Mounted.....	per pair, 7.50
No. 5490—Rubber Covered, Nickel Mounted.....	per pair. 10.00

No. 5490 Handle is the standard Cadillac and Buick equipment.



No. 1260.



No. 5410.

No. 1260—Hard Rubber Covered Grasp, Nickel Mounted, 3 $\frac{5}{8}$ inches long, $\frac{7}{8}$ inches wide.....	per pair, \$19.00
No. 5410—Hard Rubber Covered Grasp, Nickel Mounted, same size as above.....	per pair, 6.00

Door Handles

Of Quality and Refinement for every Requirement.



No. 1180.

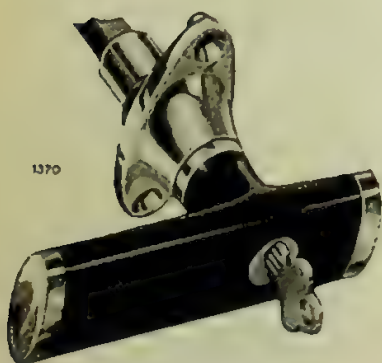


No. 106.

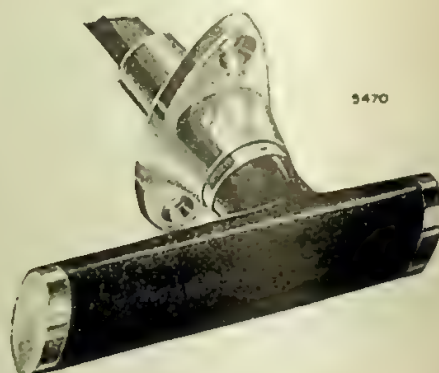
No. 1180—Hard Rubber Covered Grasp, Nickel Mounted, $4\frac{1}{4}$ inches long, $1\frac{5}{8}$ inches wide.....per pair, \$17.00

No. 106—Full Nickel Plated Grasp, $4\frac{1}{4}$ inches long, $1\frac{5}{8}$ inches wideper pair, 13.00

No. 106—NO LOCK, Full Nickel Plated..... per pair, 5.00



No. 1370.



No. 5470.

No. 1370—Hard Rubber Covered Grasp, Nickel Mounted, $3\frac{5}{8}$ inches long, 1 inch wide.....per pair, \$18.00

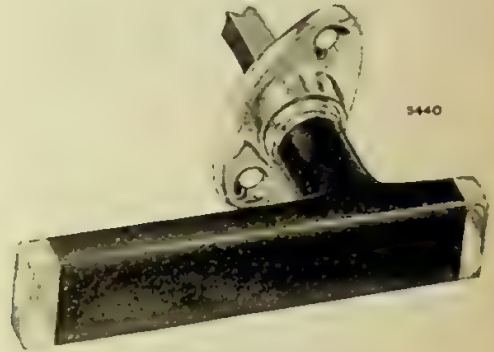
No. 5470—Hard Rubber Covered Grasp, Nickel Mounted, same size as above.....per pair, 7.00

Door Handles

Of Quality and Refinement for every Requirement.



No. 5210.



No. 5440.

No. 5210—Hard Rubber Covered Grasp and Spindle, Grasp 4 inches long, $\frac{7}{8}$ inch wide.....per pair, **\$7.00**

No. 5440—Hard Rubber Covered Grasp and Spindle, same size as aboveper pair, **8.00**



No. 5730.



No. 530.

No. 5730—Hard Rubber Covered Grasp, Nickel Mounted, $3\frac{3}{4}$ inches long, $\frac{7}{8}$ inch wide.....per pair, **\$4.50**

No. 530—Hard Rubber Covered Grasp, Nickel Mounted, Beveled Bar 4 inches long, $\frac{7}{8}$ inch wide.....per pair, **6.50**

Door Handles

Of Quality and Refinement for every Requirement.



No. 1170.



No. 5110.

- No. 1170—Hard Rubber Covered Grasp, Nickel Mounted, Grasp
3¼ inches long.....per pair, **\$15.00**
- No. 117—Full Nickel Plated.....per pair, **12.00**
- No. 5110—Hard Rubber Covered Grasp, Nickel Mounted, Grasp
3¼ inches long.....per pair, **6.50**
- No. 511—Full Nickel Plated.....per pair, **5.00**



No. 1360.



No. 5740.

- No. 1360—Hard Rubber Covered Grasp, Nickel Mounted, Grasp
3⅝ inches long, 1 inch wide.....per pair, **\$11.00**
- No. 5740—Hard Rubber Covered Grasp, Nickel Mounted, Grasp
3¾ inches long, ⅞ inch wide at center.....per pair, **4.00**

Door Handles



Inside Measurements 3 inches, Shanks $\frac{5}{16}$ inch Square.

No. 126—Nickel Platedper pair, \$3.00

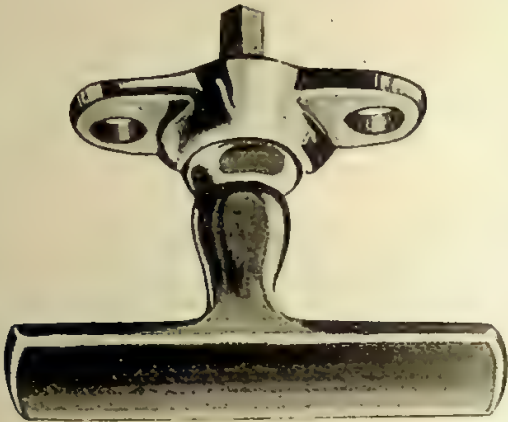


Inside Measurements $3\frac{3}{8}$ inches. Shanks $\frac{5}{16}$ inch Square.

No. 122 $\frac{1}{2}$ —Nickel Platedper pair, \$4.00

Door Handles

For the Motor Bus or Commercial Car



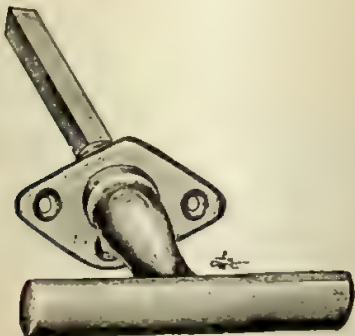
Length of Bar $3\frac{1}{2}$ inches. Shanks $\frac{5}{16}$ inch Square.

No. 129—Nickel Platedper pair, \$2.50

Malleable Iron—Black Japanned



No. 82.



No. 4099.

Inside Measure $2\frac{7}{8}$ inches, Shank $\frac{5}{16}$ inch Square.

No. 82—Malleable Iron, Black Japanned.....per pair, \$2.00

Length of Bar $3\frac{3}{16}$ inches, Shank $\frac{5}{16}$ inch Square.

No. 4099—Malleable Iron, Black Japanned.....per pair, \$0.70

Pillar or Grab Handles



Black Hard Rubber Covered Center. Length Over All $6\frac{1}{4}$ inches. Center to Center of Screw Holes $5\frac{1}{2}$ inches. Distance Between Beads 4 inches.

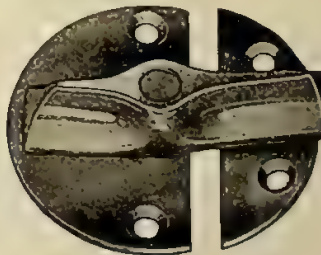
No. 420—Nickel Mountedper pair, \$8.50



Black Hard Rubber Covered Center. Length Over All 7 inches. Center to Center of Screw Holes $6\frac{3}{8}$ inches. Bar to Handle 4 inches.

No. 4250—Nickel Mountedper pair, \$8.00

Inside Door Latch

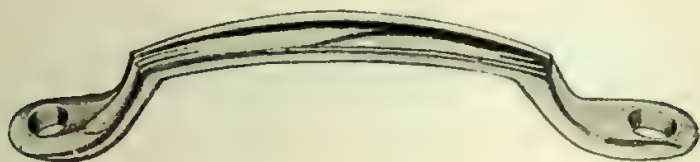


No. 65—Brass, Nickel Plated.....each, \$2.00

A safety device for semi-sedan or enclosed car when one door is fitted with Locking Handle only.

The spring ball retainer on the latch itself is a guarantee against rattling.

Pull-To Handles



No. 67—Brass, Nickel Plated.....each, \$1.10

No. 670—Malleable Iron, Black Japanned.....each, .70
Length, center to center of screw holes $5\frac{3}{4}$ inches.

No. 290—Brass, Nickel Platedeach, \$1.10
Length, center to center of screw holes $3\frac{7}{8}$ inches.



No. 70—Brass, Nickel Platedeach, \$1.50

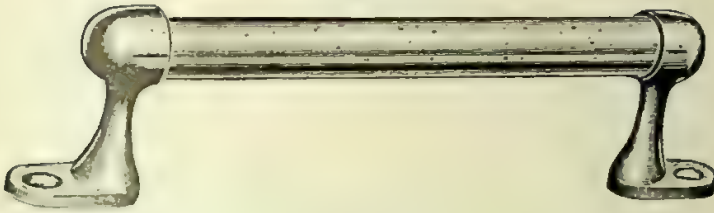
No. 700—Hard Rubber Grasp, Nickel Mounted.....each, 2.00
Length of Grasp $3\frac{3}{4}$ inches.



No. 330—Nickel Mounted Black Hard Rubber Covered Center,
Length Over All $5\frac{7}{8}$ inches. Bar of Handle 4 inches.....
..... per pair, \$5.50

Wagon Handles

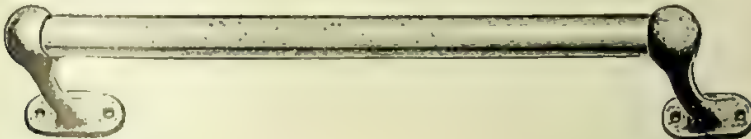
Straight Posts



No. 2515.

- No. 2515—Polished Brassper pair, \$4.00
No. 2515—Nickel Platedper pair, 5.00

Curved Posts



- No. 2516—Polished Brassper pair, \$4.00
No. 2516—Nickel Platedper pair, 5.00

Taxicab or Bus Safety Handle



No. 356.

- No. 356—Brass, Nickel Plated, Rail of $\frac{5}{8}$ inch Brass Rod, 21 inches longeach, 2.25



No. 357.

- No. 357—Brass, Nickel Plated, 8 inches over all, for Taxicab doors,each, \$1.90
No. 358—Brass, Nickel Plated, same as No. 357, 30 inches over all, can be used as Robe Rail, Pillar Handle or Arm Rest, one end loose so that tube can be cut to exact length requiredeach, \$2.10

Lever Lock Handles



No. 600.



No. 790.

No. 600—Brass, Nickel Plated.....per pair, \$0.70
No. 790—Hard Rubber Covered.....per pair, 4.00

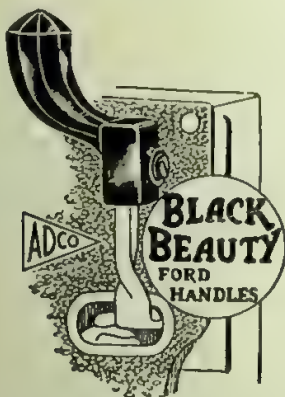


No. 468.



No. 4.

No. 468—Brass, Nickel Plated.....per pair, \$0.80
No. 4—Brass, Nickel Plated.....per pair, .80



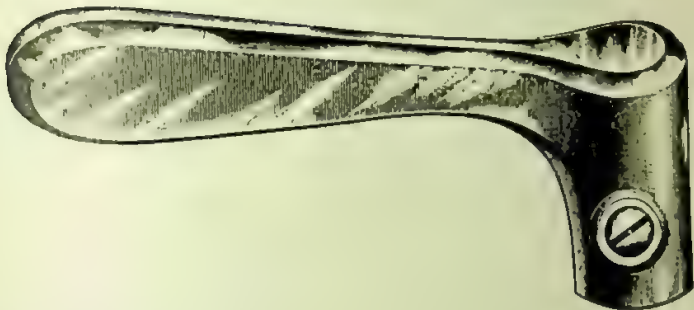
No. 15—Ford Lever Handles.....per set, \$0.50

These lever handles attach over the regular Ford Lock Lever. Made of malleable iron and finished in a triple coat baked enamel.

Top Lever Handles

For Rotary Lever Locks

Illustration Exact Size

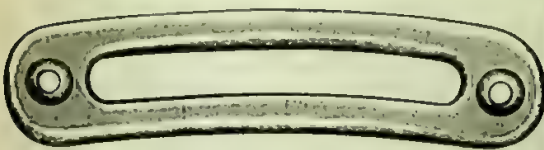


No. 38—Brass, Nickel Plated.....per pair, \$2.75

Lever Lock Slide Plates



No. 5.



No. 70.



No. 72.

No. 5—Wrought Brass, Nickel Plated.....each, \$0.25
Plate $3\frac{1}{2} \times 1\frac{9}{16}$ inch, slot $2\frac{1}{2}$ inch long x $\frac{1}{4}$ inch wide x $\frac{5}{16}$ inch deep.

No. 70—Wrought Brass, Nickel Plated.....each, \$0.25
Length over all $3\frac{1}{2}$ inch. Slot $2\frac{7}{8}$ inch.

No. 72—Wrought Brass, Nickel Plated.....each, \$0.25
Length over all 4 inch. Slot $2\frac{3}{4}$ inch.

Inside Door Handles



3 ³/₄ inches Long.

No. 610—Brass, Nickel Plated.....per pair, \$0.80

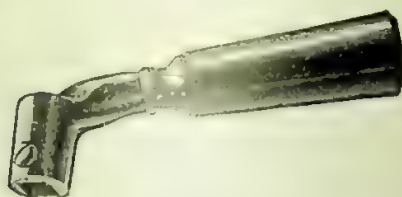
No. 610—Black Japanned, Malleable Iron.....per pair, .40

3 inches Long.

No. 611—Brass, Nickel Plated.....per pair, .80



No. 612.



No. 4010.

4 ¹/₄ inches Long.

No. 612—Brass, Nickel Plated.....per pair, \$1.10

3 ¹/₂ inches Long.

No. 4010—Hard Rubber Grasp, Nickel Mounted.....per pair, 4.50



5205

No. 5205—Malleable, Black Japanned.....per pair, \$0.60

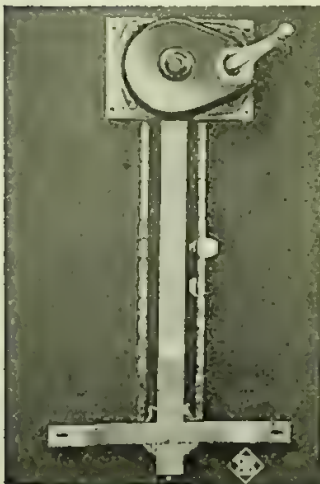
Length 3 ¹/₂ inches.

Opening 2 ¹/₈ inches Long, 1 ⁵/₁₆ inches Wide.

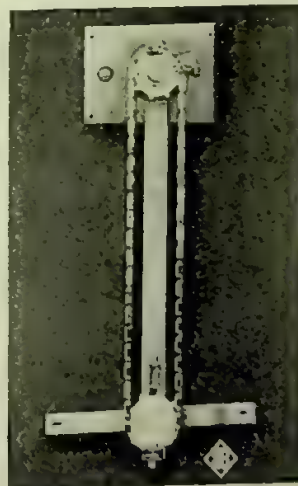
Ternstedt Standard Window Regulator



Showing Window Regulator Installed in Door.



Front View.



Rear View.

Ternstedt

Standard Window Regulator

It is, we believe, the simplest in construction and the easiest to install of any available. The cone clutch with which it is fitted is absolutely noiseless and positive, locking the Window in any desired position. Bronze bushings and Ball-bearings are the reason for the unusually easy operation.

The Bottom Sprocket is hung on a Floating Bearing, precluding any possibility of the chain running off the sprocket. The slide assembly and sprocket, another distinct advantage, assures an equal tension on the chain at all times and eliminates all rattle from this source. A special steel spring, housed in a pressed steel container, acts as a counterbalance for the glass and insures the same tension in raising the window as in lowering.

A feature greatly appreciated by the trade is that the sash can be readily disengaged from the regulator without removing the trimming.

Detailed installation description will be furnished on request.

Full size prints, from actual working drawings may also be had.

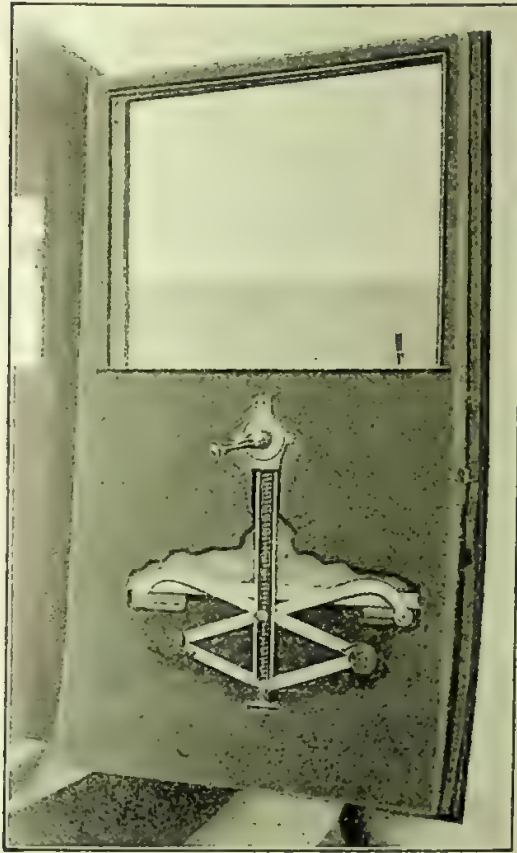
To ascertain the size of the Regulator required on a door similar to that shown in illustration, measure from the top of the fence to the bottom of the well and subtract 6 inches; thus, if the distance from the bottom of the well to the top of the fence is 24 inches, the size of the regulator required is 18 inches.

Ternstedt Standard Window Regulators.....per pair, \$33.00

Stock sizes:—18, 20, 22, 24 and 26 inch.

"Common-Sense" Window Regulator

Lifts from Both Sides



Raises and lowers the window in the natural and easy way—just like you, yourself, would raise any window, i. e., by lifting evenly on both sides at the same time.

Installation of glass readily made as desired, either before or after the job is painted and trimmed.

No lefts or rights.

A popular size; fits practically all standard closed body doors. Counter-balanced so that it operates smoothly and easily either up or down—spindle revolves on ball bearings.

One unit assembly—very small cut-out in lock board—attached with five screws.

It locks itself automatically at any desired point.

Self-adjusting base and side flexibility assure quick and low installation cost, easy lift and prevents binding of sash.

Easy, safe and quick method of putting on the handle.

"Common-Sense" Window Regulator.....each, \$9.50

"Common-Sense"

New 3-Turn Window Regulator



No mechanism below garnish rail. It weighs only $2\frac{1}{2}$ pounds but is positive in operation, compact and noiseless. Very few parts—and every individual part made more than sturdy enough for its requirements.

The handle is not confined to any certain position, it can be set forward on driver's side. Also on rear quarter so as not to interfere with arm rest, etc.

A popular size—fits all standard closed body doors. Maximum glass drop of 21 inches.

Glass can be removed without interference with upholstering.

It locks automatically at any desired position and is counterbalanced so that it operates with great ease either up or down. No long coil springs. No cables. No chains.

"Common Sense" New 3-Turn Window Regulator.....each, \$10.00

Complete with Handle, Finishing Plate, Lifter Channel and Rubber Channel Strip.

Window Regulator Handles

Ternstedt



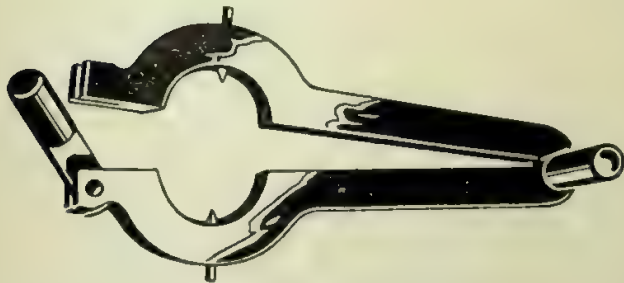
No. 801.



No. 821

No. 801—Regulator Handle, Polished Nickel or Satin Silver Effect	each, \$3.25.
No. 821—Regulator Handle, Polished Nickel or Satin Silver Effect	each, 3.25

The above handles furnished complete with Escutcheon
or Finishing Plate.



Regulator Handle
Split Nut Wrench.



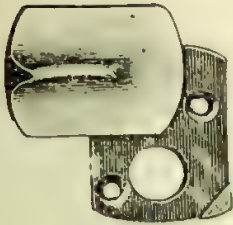
Regulator Handle
Split Nut.

Ternstedt Regulator Handle Split Nut Wrench.....	each, \$3.50
Ternstedt Regulator Handle Split Nut.....	each, .50

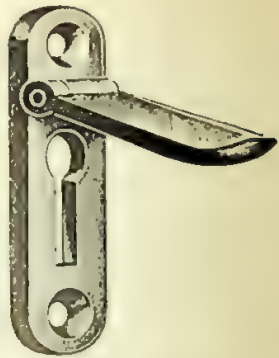
Concealed Key Hole Covers



No. 1—Oval.



No. 5103.



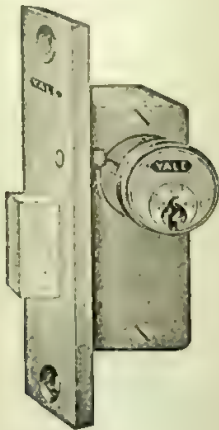
No. 1225.

No. 1—Nickel Plated	.....each, \$1.10
No. 1225—Nickel Plated	.....each, 1.10
No. 5103—Nickel Plated	.....each, .80

Limousine Security Pillar Locks



No. 306.



No. 307.

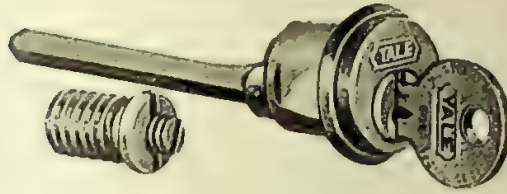
No. 306—Case 2x1¼ inches. Face Plate 3½x7⁄8 inches. Cylinder 7⁄8 inch diameter. Throw of Bolt 3⁄8 inch, Face Plate Not Beveled. Reversible by Turning Cylinder and Tumbler One-half Turn.

No. 307—Case 2-5⁄16x1 inches. Face Plate 3¾x7⁄8 inches. Cylinder 7⁄8 inch Diameter. Throw of Bolt 5⁄16 inch. Face Plate Not Beveled. Not Reversible.

No. 306—Nickel Plated	.....per pair, \$13.00
No. 307—Nickel Plated	.....per pair, 13.00

Outside Locking Cylinders

Pin Tumbler



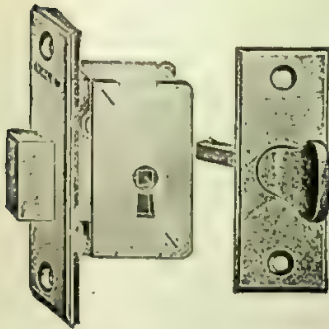
No. 146.

No. 146—Locking Cylinder, Nickel Plated.....each, **\$3.00**

Face of cylinder $\frac{7}{8}$ inch diameter, Flexible Spindle $\frac{3}{16}$ inch square, $2\frac{1}{2}$ inches long. The Dowel Screw with Conical Point Headless Set Screw render it possible to remove the Cylinder, should occasion require, without the necessity of removing the inside trimming.

Limousine Lever-Tumbler Locks

Not Reversible



No. 765.



No. 763.

No. 763—Nickel Platedper pair, **\$9.00**

Case, $1\frac{1}{8} \times 1 \times \frac{3}{8}$ inches. Face Plate $2\frac{1}{8} \times 1\frac{9}{32}$ inches. Brass Bolt and Striker. Throw of Bolt $\frac{1}{16}$ inch.

Yale Mortise Bolt

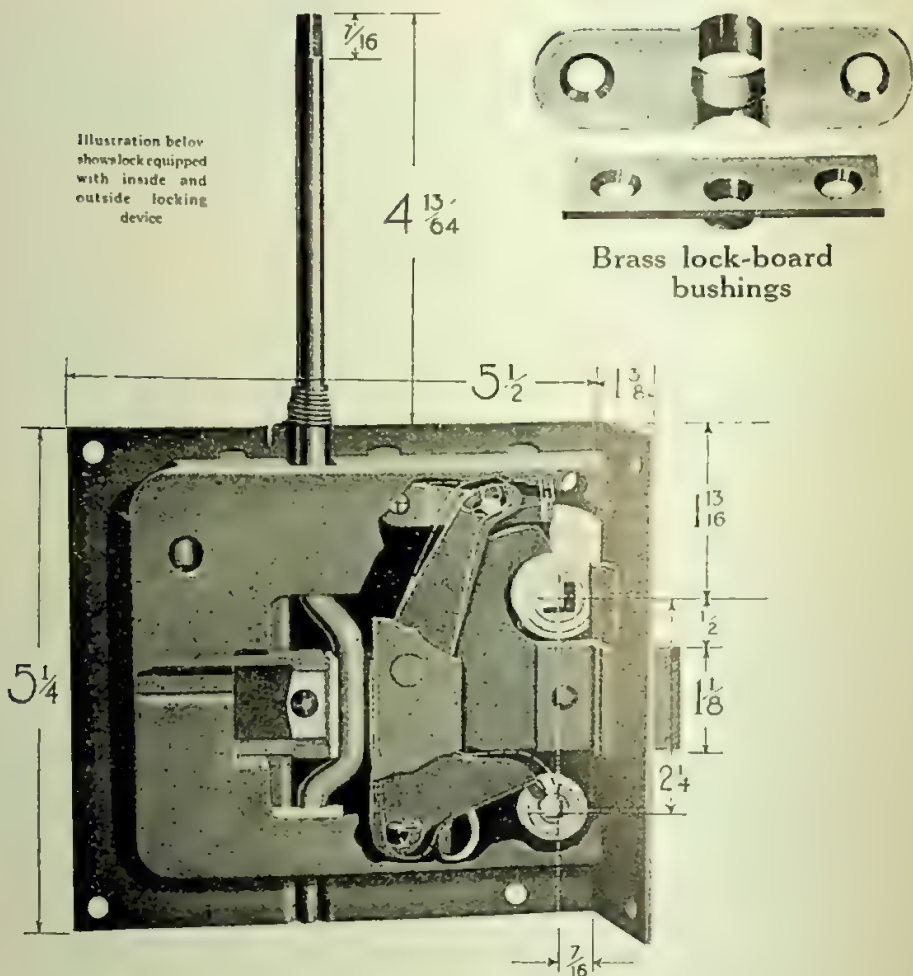
Not Reversible

Used in conjunction with the No. 763 Lock when one door is to be locked from inside only.

No. 765—Nickel Platedper pair, **\$10.00**

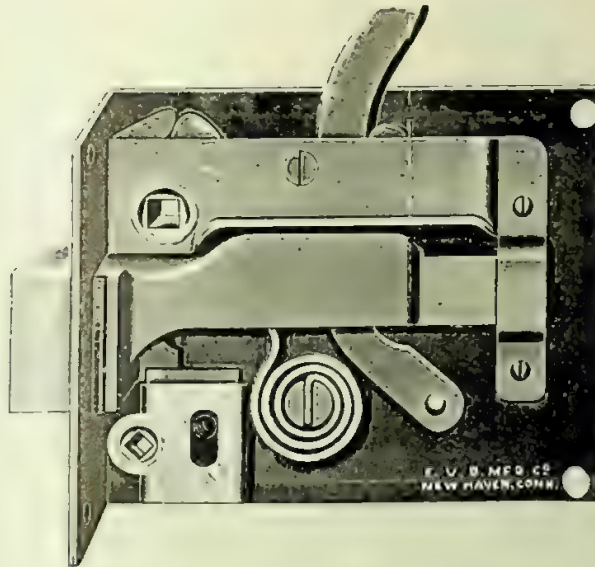
Case, Face Plate, Bolt and Striker Same Size as the No. 763 Lever Tumbler Lock.

Rotary Type Closed Body Door Locks



- No. 394—Rotary Type Lever Lock, with inside and outside locking deviceper pair, \$7.50
- No. 396—Rotary Type Lever Lock, with outside locking device per pair, 7.50
- No. 398—Rotary Type Lever Lock, with inside locking device per pair, 7.50
- No. 400—Rotary Type Lever Lock, without locking device per pair, 7.50

Door Lever Locks



No. 206.

No. 208.

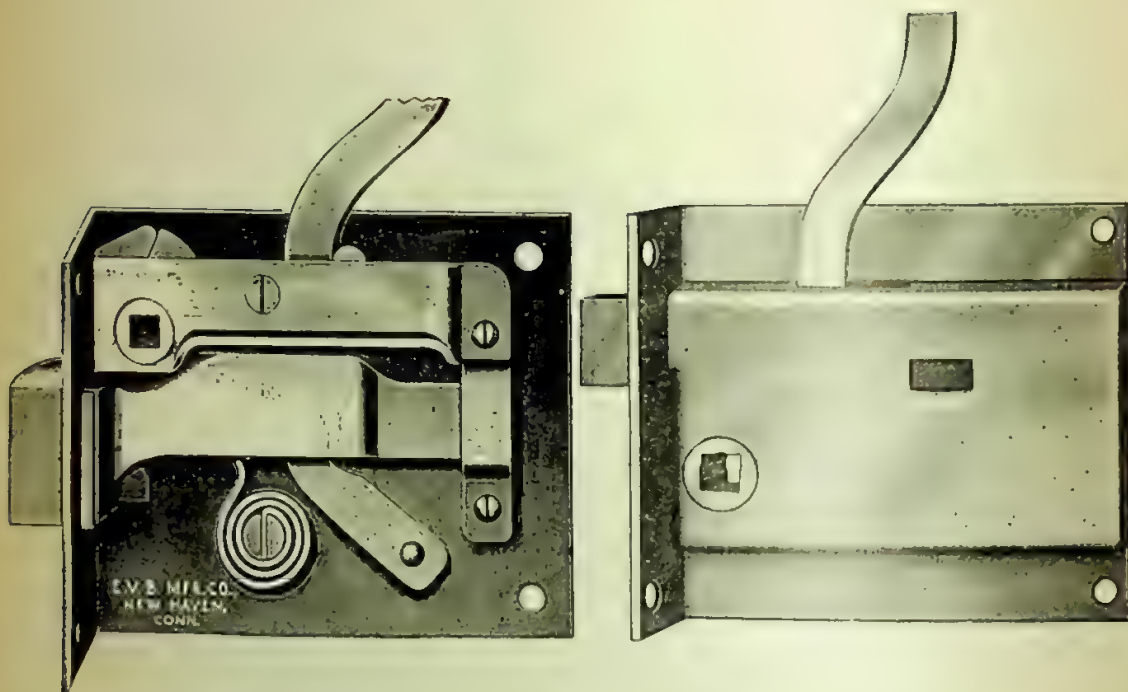
No. 208—Case $4\frac{7}{8} \times 4$ inch. Face Plate $1\frac{1}{4}$ inch wide, Bolt $1\frac{1}{4}$ inch wide, $\frac{5}{8}$ inch throw.....per pair, **\$7.50**

Face Plate ground finished for painting, beveled three edges, Bolt, Drop Forged Steel, Hardened. Drop Forged Steel outside handle follower, with stamped brass cover Inside Locking Device, "Yale" Spindle part installed in Right Hand Lock, with Dull Plated Inside Locking Knobs installed in Left Hand Lock, without "Yale" Spindle part.

No. 206—Case $4\frac{7}{8} \times 4$ inch. Face Plate $1\frac{1}{4}$ inch wide, Bolt $\frac{7}{8}$ inch wide, $\frac{5}{8}$ inch throw.....per pair, **\$7.00**

Specifications same as No. 208 Lever Lock.

Door Lever Locks



No. 280.

No. 3060.

No. 280—Lever Lock—Case $4\frac{7}{8} \times 3\frac{3}{4}$ inch. Face Plate $1\frac{1}{4}$ inch wide, Bolt $1\frac{1}{4}$ inch wide, $\frac{5}{8}$ inch throw.....per pair, **\$6.50**

Plain type stock length lever, not threaded or plated. Drop Forged Steel Bolt and outside handle follower.

This lock, in construction, is identical with the No. 2080 Taxicab Lock, the difference consisting only in the style of the lever.

No. 3060—Case $3\frac{3}{4} \times 3\frac{1}{2}$ inch. Face Plate 1 inch wide, Bolt $\frac{3}{4}$ inch wide with $\frac{5}{8}$ inch throw.....per pair, **\$2.60**

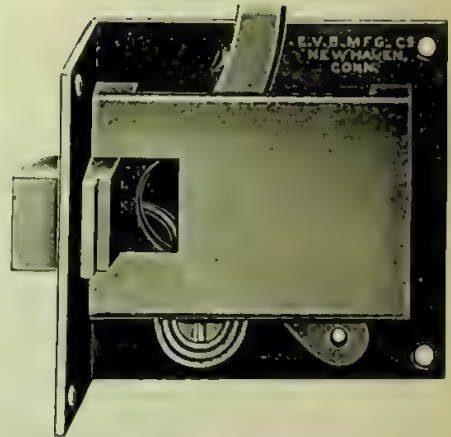
Plain type, stock length lever, not threaded or plated. Bolt, Steel Hardened with Composition Brass outside handle follower. Face plate plain, not finished.

Made Right and Left Hand.

Door Lever Locks



No. 2080.



No. 215.

No. 2080—Taxicab Lever Lock—Case $4\frac{7}{8} \times 3\frac{3}{4}$ inch. Face Plate $1\frac{1}{4}$ inch wide, Bolt $1\frac{1}{4}$ inch wide, $\frac{5}{8}$ inch throw.....per pair, **\$7.50**

No. 215—Case $3\frac{1}{16} \times 3\frac{1}{2}$ inch. Face Plate 1 inch wide. Bolt $\frac{7}{8}$ inch with $\frac{5}{8}$ inch throw.....per pair, **6.00**

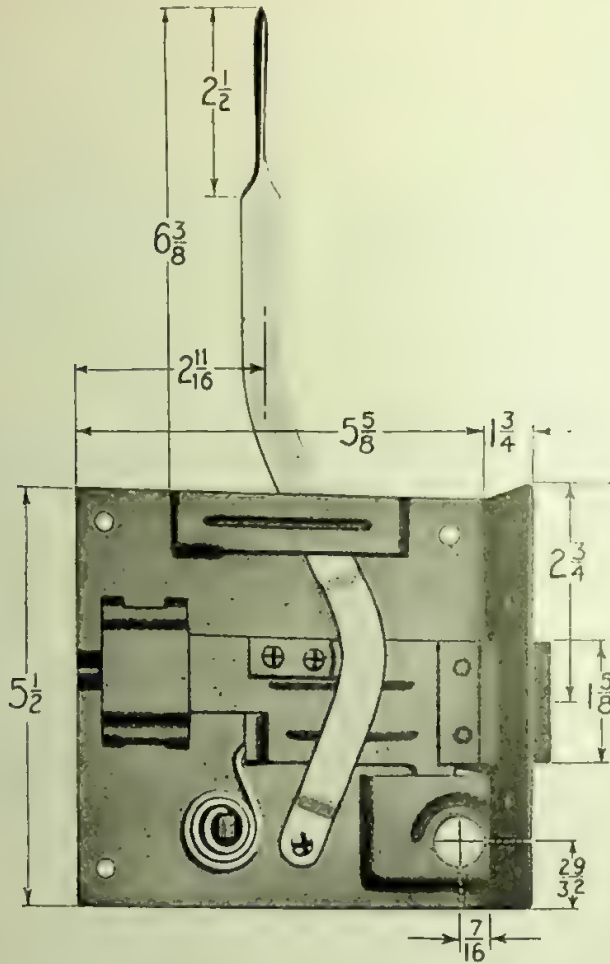
Drop Forged Steel, spoon shaped top, lever handles, forged integral with the lock lever, polished and Bright Nickel Plated. Straight pattern levers 5 inches long from top of lock case to shoulder of top lever handle. Drop Forged Steel Bolt, with Drop Forged Steel outside handle follow.

These Locks are simple in construction, having few parts and designed especially for Taxicab use, where Hard and Durable service are required.

Made Right and Left Hand.

Illustrations show the Left Hand Lock.

Heavyduty Coach Type Door Lock



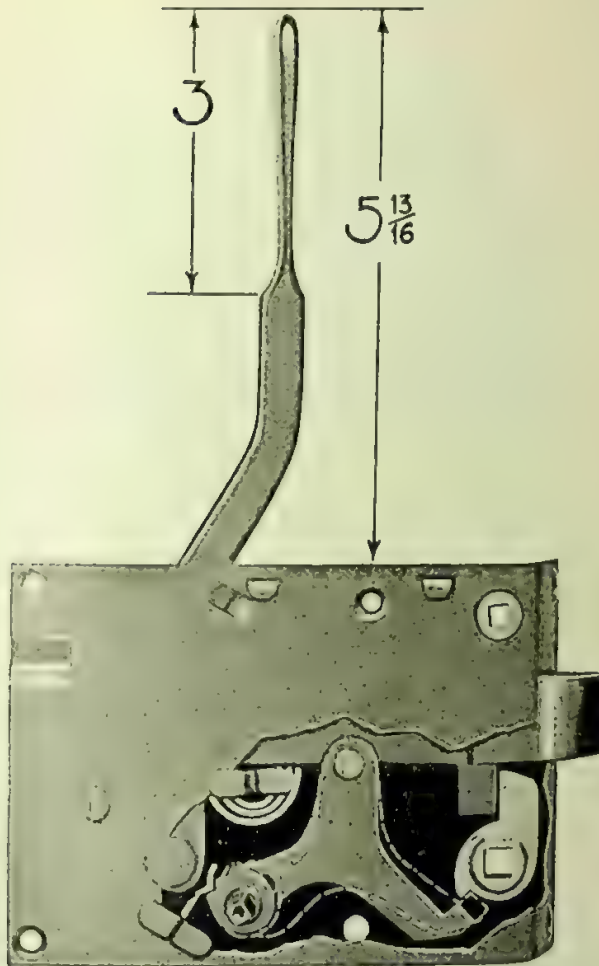
For Bus, Coach or Taxicab

The frame is made from 13 gauge cold rolled steel. The operating lever, $\frac{7}{32}$ inch in thickness by $\frac{1}{16}$ inch in width, is made of cold rolled steel also. The tumbler is a bronze forging. The bolt pull-bar is stamped from strip steel. The bolt end is cut from a solid cold drawn steel section, especially hardened and is both welded and riveted to bolt pull-bar. Another feature is the shallow mortise required in lock-board.

No. 660—Heavyduty Lockper pair, \$6.50

Right Hand Lock shown.

Door Lever Locks



No. 369—Case $5\frac{3}{8} \times 4\frac{1}{8}$ inch. Face Plate $1\frac{3}{8}$ inch wide. Bolt $\frac{7}{8}$ inch with $\frac{5}{8}$ inch throw.....per pair, **\$7.00**

Drop Forged Steel, Spoon shaped, top lever handles, 3 inches in length, Bright Nickel Finish. Straight pattern levers $2\frac{1}{8}$ inch long from top of lock case to shoulder of top lever handle. Bright Nickel inside locking knob. Bolt pull-bar stamped from Cold Rolled steel; the bolt-end is cut from a cold drawn steel section, welded and riveted to Bolt Pull-bar.

No. 341—Case $5\frac{3}{8} \times 4\frac{3}{8}$ inch. Face Plate $1\frac{3}{8}$ inch wide. Bolt $\frac{7}{8}$ inch with $\frac{5}{8}$ inch throw.....per pair, **\$6.00**

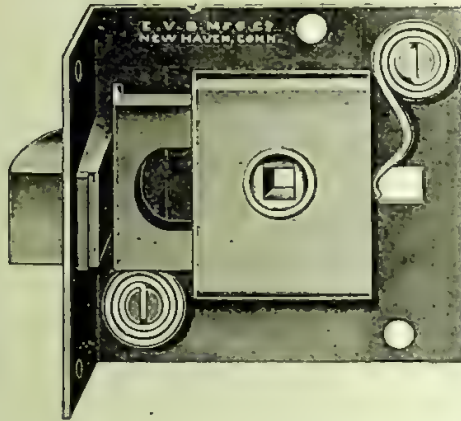
Specifications same as No. 369 Lock. Without Locking Device.

This combination of Door Locks is especially adaptable to Taxicab Bodies and Closed Bodies.

The No. 341 for the Low Front Door, the No. 369 for the Tonneau Doors.

Door Locks

Open Body Type.



No. 202.

No. 202—Reversible, Double Action—Case $3\frac{9}{16}$ inch square. Face Plate $\frac{1}{8}$ inch wide. Bolt $\frac{7}{8}$ inch with $\frac{5}{8}$ inch throw
..... per pair, **\$3.00**

Fitted with Malleable Iron, Hardened Bolt, Malleable Iron outside handle follower. Face Plate not finished or beveled.

Unusually well made, these locks are highly adaptable to Commercial Body construction, where quality is a consideration.



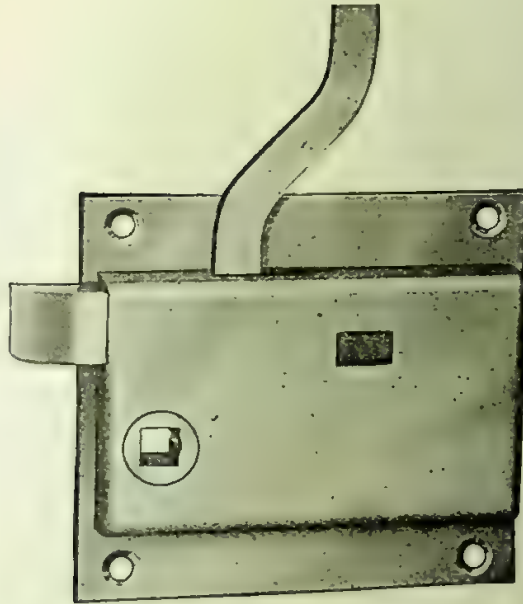
No. 304—Case $3\frac{3}{4} \times 3\frac{1}{2}$ inch. Face Plate 1 inch wide. Bolt $\frac{3}{4}$ inch with $\frac{5}{8}$ inch throw.....per pair, **\$2.70**

Fitted with Steel Hardened Bolt, Composition Brass outside handle follower. Face plate not finished or beveled.

Made Right and Left Hand.

Commercial Cab Door Locks

Steel Case



No. 300—Lever Lock, Case $3\frac{1}{16}$ inch long x $3\frac{1}{2}$ inch wide, Lock Cover, $3\frac{5}{8}$ inch long x $2\frac{3}{16}$ inch wide, $\frac{1}{8}$ inch high. Bolt, Steel, hardened, $\frac{5}{8}$ inch wide with $\frac{1}{16}$ inch throw, Composition Brass outside handle follower, plain, stock length lever, not threaded. NO FACE PLATE.....per pair, **\$2.70**

Made Right and Left Hand.

Illustration shows Right Hand Lock.

Handle Hole located at the extreme front edge of lock case, permitting a lighter door frame and wider glass. It is not necessary to cut the door frame to apply this lock. Sets flat on top of the pillar. A big saving in the installation cost. All working parts of lock entirely housed by the lock cover, giving the bolt a long bearing.

No. 301—WITHOUT LEVER—with Outside Handle Follower only.
NO FACE PLATE.....per pair, **\$2.70**

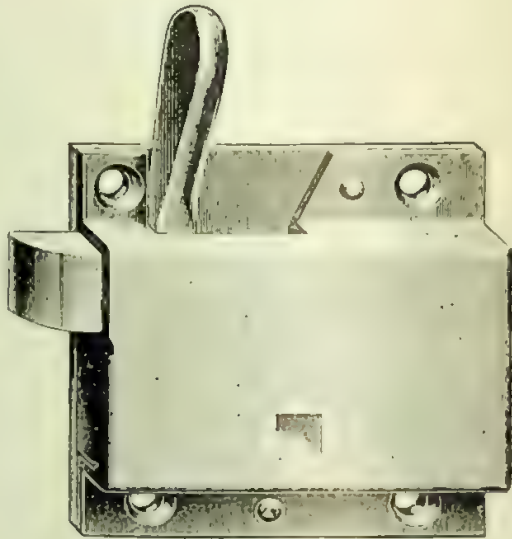
Specifications same as the No. 300 Lever Lock.

Commercial Cab Door Locks

Steel



No. 4912.



No. 5384.

- No. 4912**—REVERSIBLE—Double Action—Case $3\frac{1}{4} \times 2\frac{1}{8}$ inch.
Face Plate $\frac{7}{8}$ inch wide, with $\frac{1}{2}$ inch throw of Bolt. $1\frac{5}{16}$
inch from outside of face plate to center of handle hole
..... per pair, **\$2.00**
- No. 5384**—Right and Left Hand—Case $3 \times 2\frac{7}{8}$ inch, Bolt, Lever and
Handle Follower Malleable Iron. NO FACE PLATE.
Fits flat against the frame. Handle Follow $1\frac{3}{8}$ inch from
pillar edge to center of handle follow.....per pair, **\$2.50**

Rear Door Locks



- No. 5688**—Plain Malleable, to Paint, $5\frac{1}{4}$ inches High, $1 \times 2\frac{1}{4}$ inch
Striker Plateeach, **\$1.00**

Spring Snap Lock used in connection with our No. 5687 Delivery Wagon
Lock, for opposite door.

Door Lever Locks

Steel

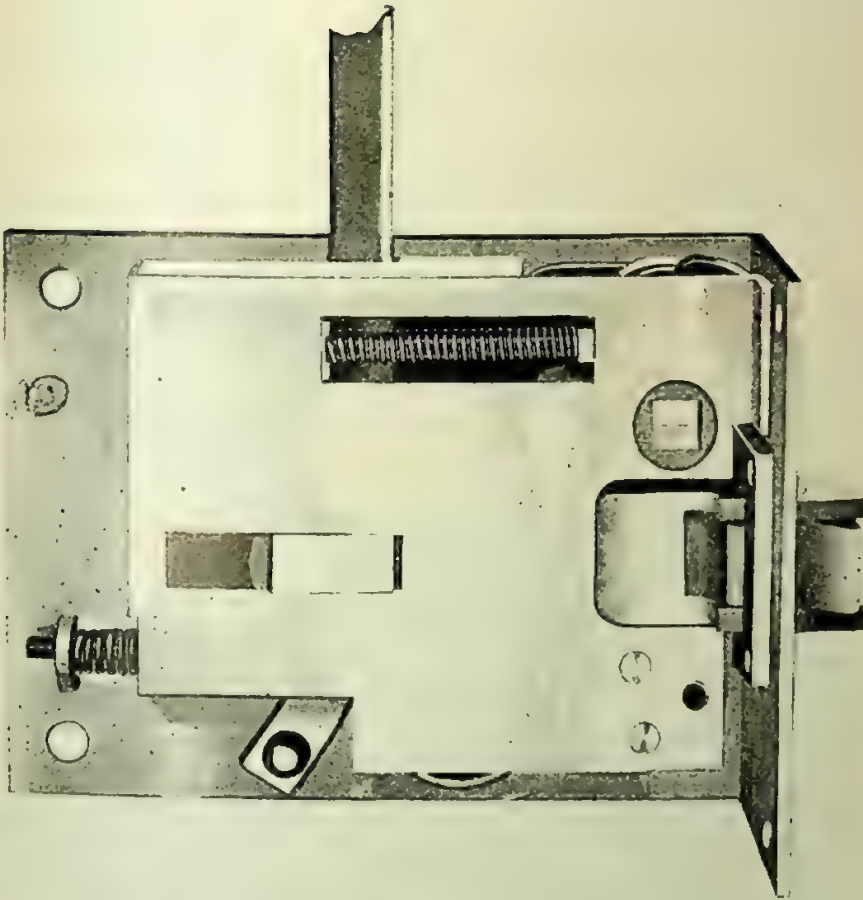


Illustration shows Right Hand Lock.

Ottinger's Anti-Rattling Device in Bolt as shown.

Bolt $\frac{5}{8}$ inch wide, having a $\frac{5}{8}$ inch throw.

No. 1000—Case $3\frac{3}{4} \times 4\frac{3}{4}$, Face Plate $1\frac{5}{16}$ inch wide.....per pair, \$13.00

No. 1001—Fitted with Inside Locking Device.....per pair, 15.00

Rotary Lever Lock

Steel

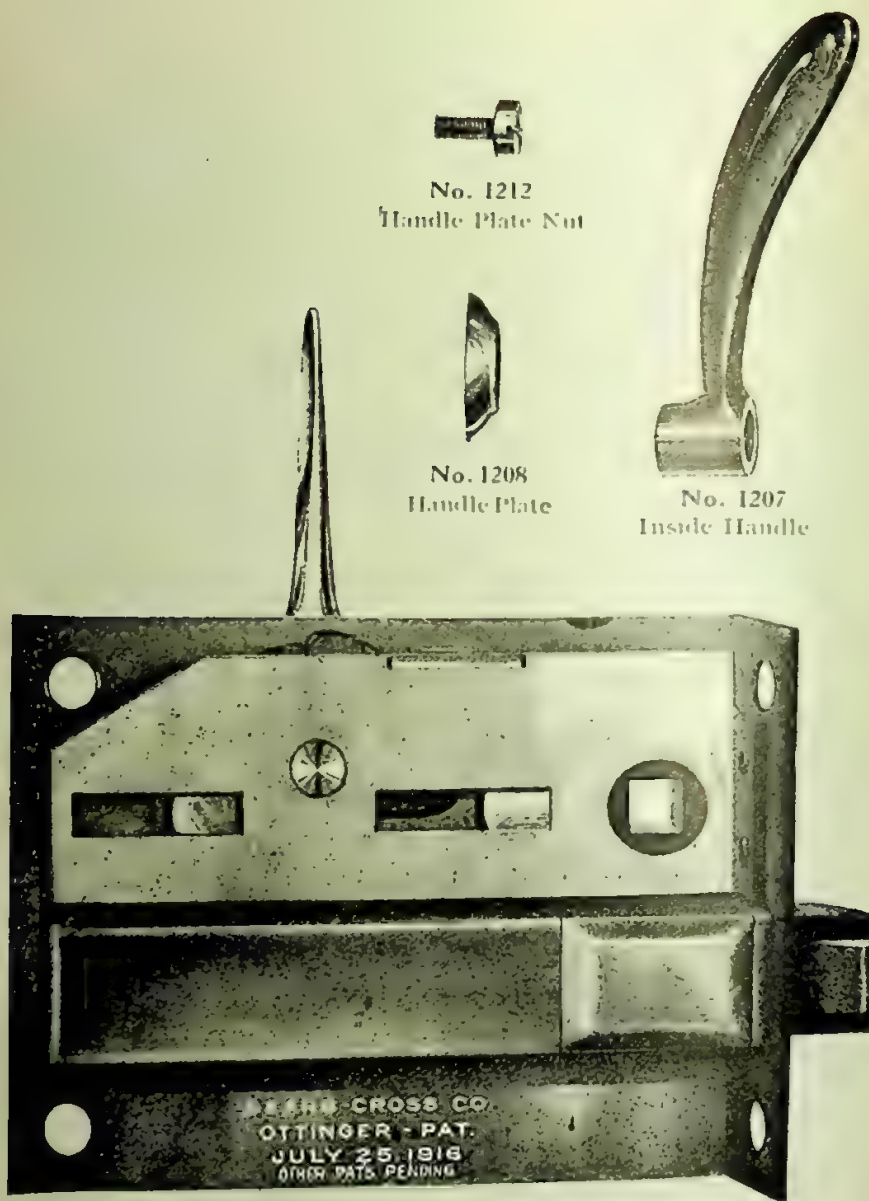


Illustration shows Right Hand Lock.

Ottinger's Anti-Rattling Device in Bolt as shown.

Bolt $\frac{9}{16}$ inch wide, having a $\frac{9}{16}$ inch throw.

No. 1200—Case $3\frac{1}{4} \times 4\frac{1}{16}$ inch, Face Plate $1\frac{1}{8}$ inch wide.....per pair, \$9.00

No. 1207—Inside Handles, complete.....per pair, 4.00

Rotary Lever Lock

Steel

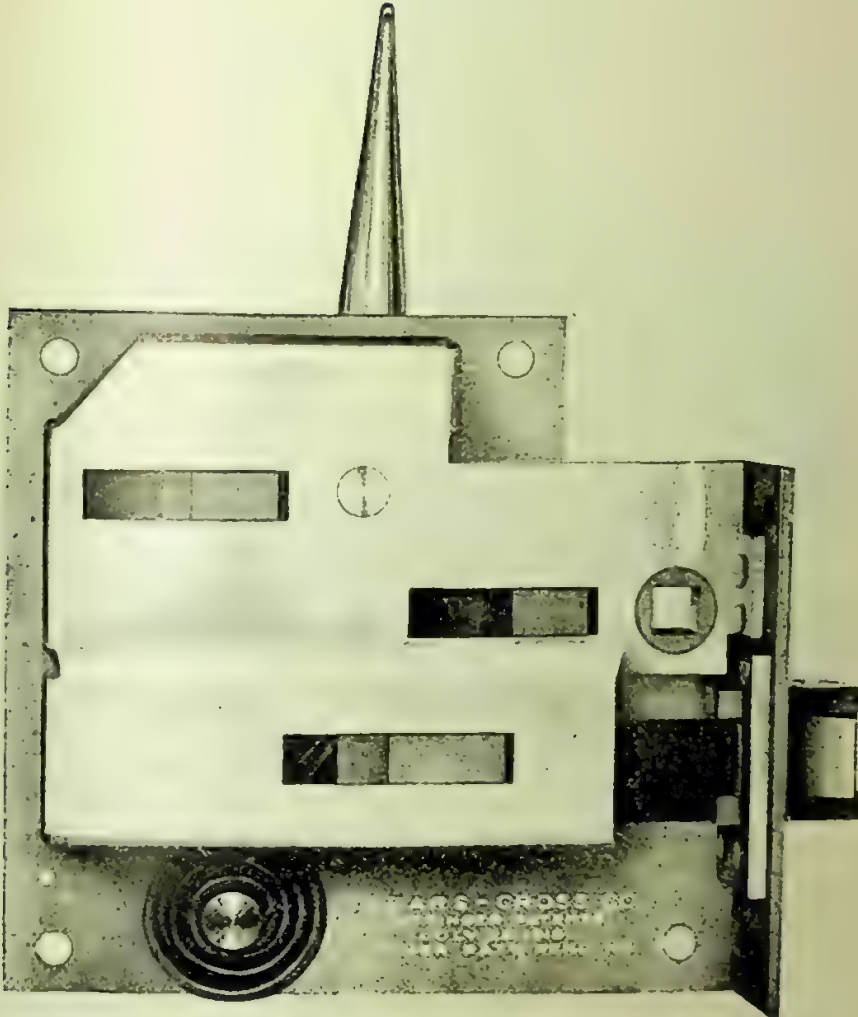


Illustration shows Right Hand Lock.

Ottinger's Anti-Rattling Device in Bolt as shown.

Bolt $\frac{5}{8}$ inch wide, having a $\frac{5}{8}$ inch throw.

No. 1300—Case $3\frac{1}{2} \times 4$ inch, Face Plate 1 inch wide.....per pair, **\$15.00**

No. 1207—Inside Handles, complete.....per pair, **4.00**

Door Lever Locks

Steel

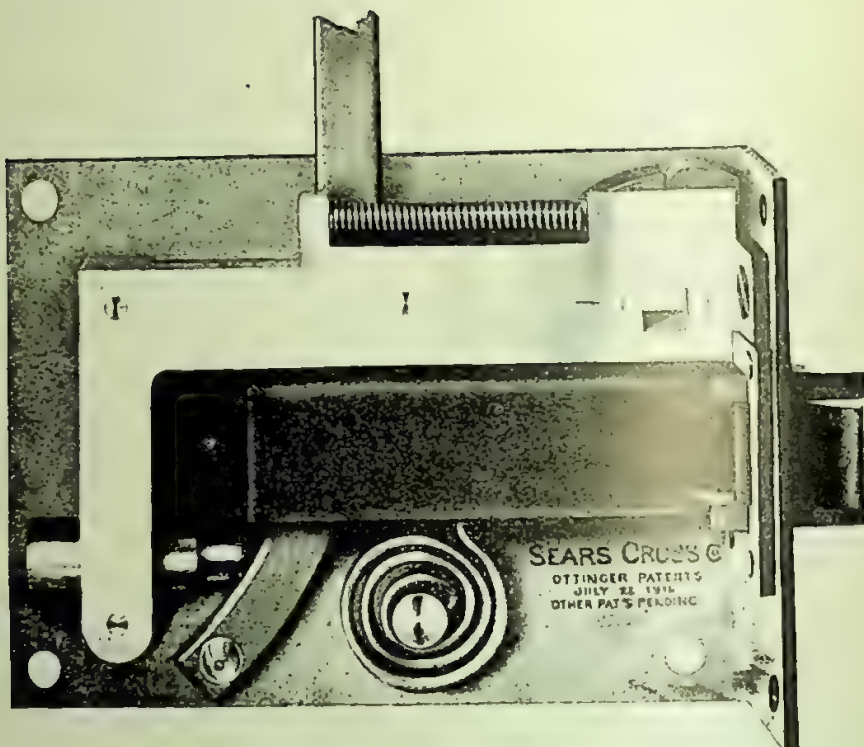


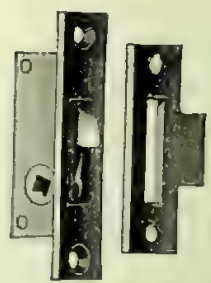
Illustration shows Right Hand Lock.

Ottinger's Anti-Rattling Device in Bolt as shown.

Bolt $\frac{3}{4}$ inch wide, having a $\frac{5}{8}$ inch throw.

- No. 1100—Case $4 \times 5\frac{1}{2}$ inch, Face Plate $1\frac{1}{4}$ inch wide.....per pair, \$20.00
No. 1101—Fitted with Inside Locking Device.....per pair, 22.00

Mortised Locks



No. 5672.

No. 5672—Malleable Iron—Case $2\frac{3}{8} \times \frac{7}{8}$ inch. Face Plate $3\frac{1}{2} \times \frac{3}{4}$ inchper pair, \$0.90

Right and Left Hand.

Lock Strikers



No. 5620.



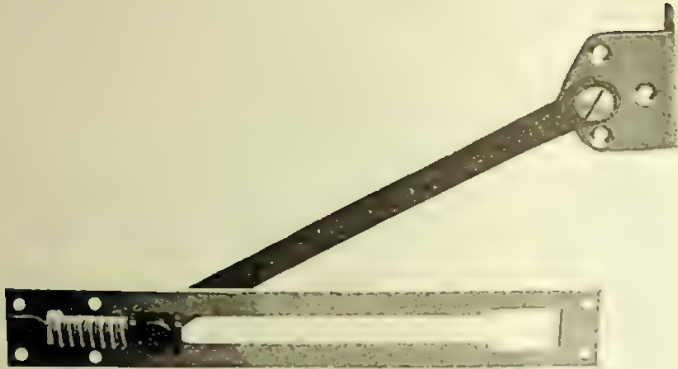
No. 6507.

No. 5620—Malleable Lock Strikers.....per dozen, \$1.25
 $2\frac{1}{2}$ inch length of plate, $\frac{3}{4}$ inch width of plate, $\frac{1}{8}$ inch width of catch.

No. 6507—Hard Bronze Lock Strikers.....per dozen, \$9.60
 $2\frac{3}{4}$ inch length of plate, $1\frac{1}{8}$ inch width of plate, $1\frac{1}{8}$ inch width of Catches, 2 inch length over Catches, $\frac{3}{8}$ inch thick at Heel of second Catch.

No. 6507—Malleableper dozen, \$2.50

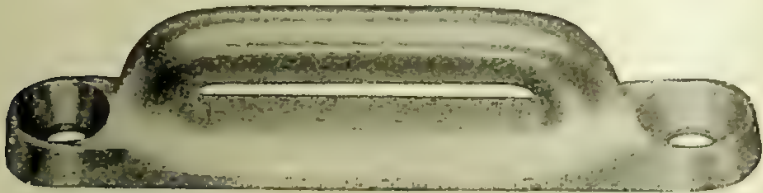
Heavyduty
Metal Door Check



No. 44926.

An entirely new and original design in a practical Door Check. Stamped from cold rolled steel and rust-proofed, it has the strength and durability to successfully operate under any and all conditions of service. It can be more economically installed and with less difficulty than any other device of this nature. Instead of being positioned in the door pillar as is required with the ordinary type of door check, this door check is firmly anchored in the top of the door and in the roof of the body—out of sight and out of the way.
No. 44926—Door Checkeach, \$2.00

Door Strap Loops
Brass



No. 15—1½ inch, Nickel Plated.....per dozen, \$5.00

Sure Grip Door Holders



No. 119—Spring Steel Grip, Malleable Iron Door Plate, Black
Japannedper dozen, \$4.00

Delivery Wagon Locks



These Delivery Wagon Locks fasten at top and bottom so that they prevent the door from springing or rattling.

The Lock is very strong and powerful, and so constructed that it is impossible for it to get out of order. Made in the best possible manner.

May be used on Undertakers' Wagons, Bakers' Wagons, Mail Wagons, Vans and Ambulances and all kinds of Electric and General Delivery Wagons where a rear door lock is required.

Dimensions.

Full length of bottom rod, from center of lock to end of bolt, 2 feet.

Full length of top rod, from center of lock to end of bolt, 3 feet.

Full length over all, 5 feet.

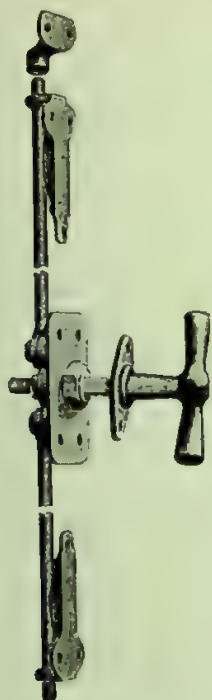
Size of lock case, $4\frac{1}{2} \times 2\frac{3}{8} \times \frac{5}{8}$ inches.

Dimensions given above are our standard length, and all orders are so filled, unless ordered otherwise. The rods can be made to any special length that is required, by sending a rough drawing.

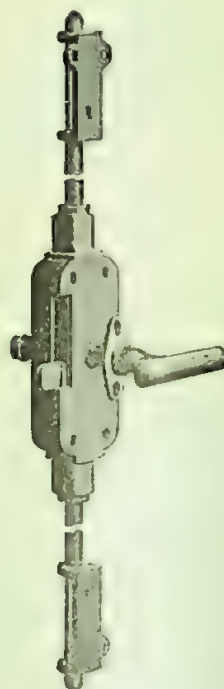
The Bolt works with one motion from the Handle at the Center.

- No. 32—Iron, Finished for Painting.....each, \$ 9.50
No. 32—Nickel, Electro Plated.....each, 15.00

Delivery Wagon Locks



No. 5692.



No. 5687.

Emco—No. 5687

Three Point Contact

5x2 $\frac{1}{8}$ x $\frac{7}{8}$ inch Case.

$\frac{7}{16}$ x30 inch Rods.

Handle can be used either removably or permanently attached to door.

No. 5687—Nickel Electro Handle.....per set, \$6.50

For Light Delivery Bodies

Acme—No. 5692

2x3 inch Plate. 11/32x30 inch Rods. $\frac{7}{8}$ to 1 $\frac{1}{4}$ inch Thickness of Door.

Anti-Rattler Springs on Rod Guides.

No. 5692—Japanned Handle, Nickel Electro Handle or Brass Handle

..... per set, **\$3.50**

Rear Door Locks

"Miracle."

Here is a Lock that prevents "rattle" and "sag."



Open.

"Miracle" Lockeach. \$1.70

Made of deep drawn steel with improved tempered spring under hinge. The base of the malleable T handle engages the catch, which is arranged for padlock, if desired. Finished in black enamel.

Made in two sizes, 6 and 9 inches.

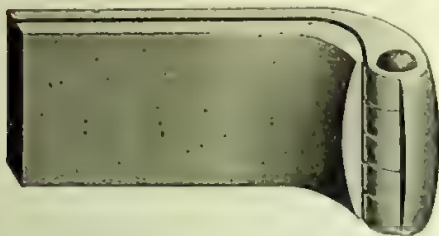
"Perfection."



No. 5686—Black Japanned, 10 $\frac{3}{4}$ inches Long, 2 $\frac{1}{4}$ inches Wide each, \$1.60

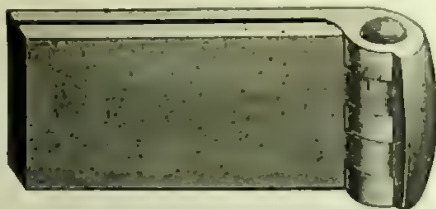
A Highly Satisfactory Latch for Rear Doors on Light Delivery Bodies.

Door Hinges
MALLEABLE IRON.
Covered Joint Pattern.



Covered Head. Curved Pattern.

		$\frac{15}{16}$ inch offset. $1\frac{3}{4}$ inches Wide.					
Length, inches	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6
Per dozen	\$12.00	12.80	13.60	14.40	15.60	16.60	18.50
		2 inches Wide.					
Length, inches				4	5	6	
Per dozen				\$16.50	20.00	24.00	



Covered Head. Semi-Straight Pattern.

		$\frac{3}{8}$ inch offset. $1\frac{3}{4}$ inches wide.					
Length, inches	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	
Per dozen	\$10.60	11.20	12.00	12.80	13.60	14.60	
		2 inches wide.					
Length inches				4	5	6	
Per dozen				\$15.00	17.00	20.00	

Wrought Steel Cased.

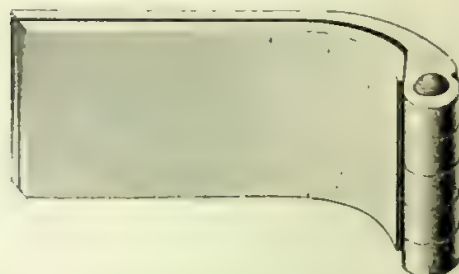


Semi-Straight Pattern.

		No. 57—Semi-Straight— $1\frac{3}{4}$ inches wide.					
Length, inches	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	
Per dozen	\$10.00	10.00	10.50	11.00	11.50	12.00	

Door Hinges

Malleable Iron.



Curved Pattern.

1 ¹/₁₆ inch offset.

1 1/16 inch offset.					
Length, inches	2 1/2	3	3 1/2		
1 1/4 inches Wide, Per dozen.....	\$5.00				
1 1/2 inches Wide, Per dozen.....	6.20	7.50	8.50		
1 3/4 inches Wide, Per dozen.....	6.80	8.20	10.00		
Length, inches	4	4 1/2	5	5 1/2	6
1 1/2 inches Wide, Per dozen.....	\$ 9.50				
1 3/4 inches Wide, Per dozen.....	12.00	12.80	17.00	20.50	
2 inches Wide, Per dozen.....				30.00	32.00



Straight Pattern.

1 1/4 inches Wide.

Length, inches	1 1/2	2	2 1/2	3	3 1/2
Per Dozen	\$2.60	3.20	3.80	4.10	4.40

1 1/2 inches Wide.

Length, inches	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/2	4
Per dozen	\$3.00	3.20	3.40	3.70	4.00	4.70	5.70	6.70

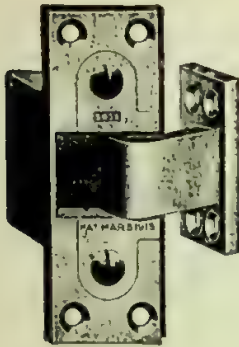
1 3/4 inches Wide.

Length, inches	2	2 1/4	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2
Per dozen	\$4.00	4.40	5.00	6.00	7.00	8.00	9.00	10.00	11.50

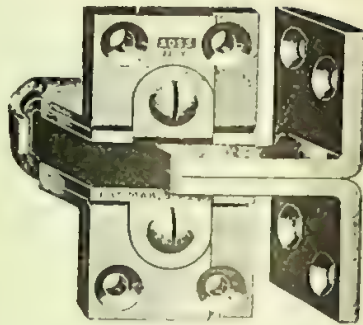
2 inches Wide.

Length, inches	3 1/2	4	4 1/2	5	6
Per dozen	\$14.00	16.00	18.00	20.00	28.00

Concealed Door Hinges



No. 35.



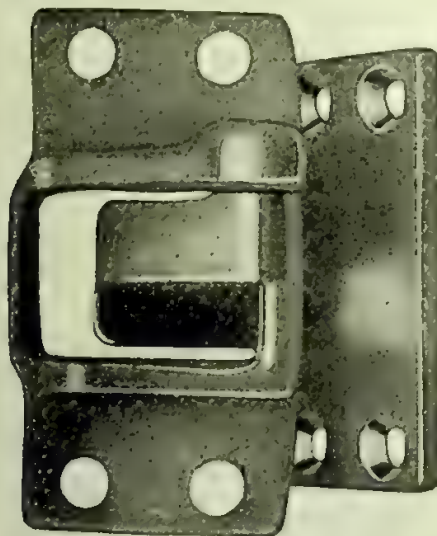
No. 111.

Drop Forged Steel Hook, Steel Reinforced, Die Cast Construction, Interchangeable, Non-Corrosive, Specially Designed for Touring Car and Limousine Doors.

No. 35—Face of Hinge on Pillar $4\frac{3}{16} \times 1\frac{9}{16}$ inches, Face of Hinge on Door $2\frac{1}{2} \times 1\frac{1}{8}$ inches. Waterproof Case Mortises into Pillar $1\frac{7}{8} \times 1\frac{9}{16} \times 1\frac{3}{8}$ inches Deep, Clearance in Opening $\frac{1}{16}$ inch, Movement of Hinge 90 Degrees.....per pair, **\$4.50**

Designed for Touring Car and Roadster Doors. Improved Type has Locking Device Preventing Side Play and Keeps Hinge in a Rigid Position.

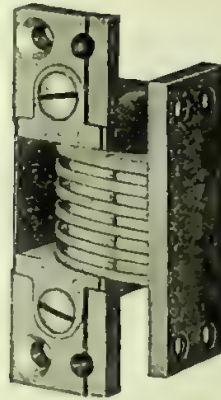
No. 111—Face of Hinge on Pillar $2\frac{3}{4} \times 1\frac{3}{8}$ inches, Face of Hinge on Door $2\frac{5}{8} \times 1\frac{1}{4}$ inches, Mortises into Pillar $\frac{7}{8} \times 1\frac{3}{8} \times 1\frac{1}{2}$ inches Deep, Clearance in Opening $\frac{3}{4}$ inch Full, Movement of Hinge 90 Degrees.....per pair, **\$1.50**



With Removable Door Plate.

No. 39—Size of Pillar Plate $1\frac{5}{8}$ inches Wide by 3 inches Long, Size of Door Plate $1\frac{1}{4}$ inches Wide by $2\frac{1}{2}$ inches Long.....
.....per set of 4 hinges, **\$2.50**

Concealed Door Hinges



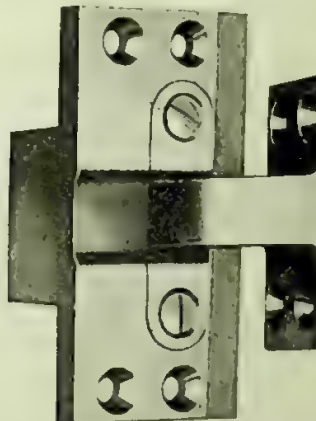
Designed for Roadster and Touring Car Doors. Hinge can be Quickly Detached by Removing Two Screws as Indicated in Illustration.

No. 121—Face of Hinge on Pillar $3\frac{1}{4} \times \frac{7}{8}$ inches, Face of Hinge on Door $2\frac{1}{2} \times \frac{7}{8}$ inches, Waterproof Case Mortises into Pillar $\frac{7}{8} \times 1\frac{1}{16} \times 1\frac{5}{16}$ inches Deep, Clearance in Opening $\frac{11}{16}$ inch, Movement of Hinge 90 Degrees.....per pair, **\$3.00**

An Exceptionally Strong Hinge. For Limousine, Coupe and Touring Car Doors.

No. 123—Face of Hinge on Pillar $3\frac{3}{4} \times 1\frac{3}{8}$ inches, Face of Hinge on Door $3 \times 1\frac{1}{4}$ inches, Waterproof Case Mortises into Pillar $1\frac{5}{16} \times 2 \times 1\frac{3}{4}$ inches Deep, Clearance in Opening 1 inch, Movement of Hinge 90 Degrees.....per pair, **\$4.00**

Die Cast Case. Noiseless.



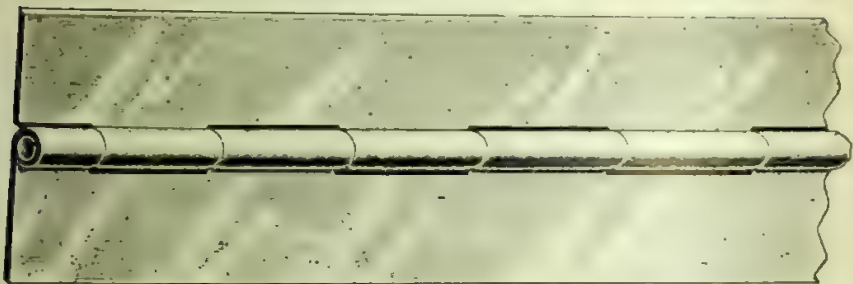
These Concealed Hinges can be used either Right or Left Hand and the parts are interchangeable.

Standard equipment on Fisher closed bodies.

No. 34490 —Concealed Hinge	each.	\$4.00
No. 34490 —Case only	each.	2.00
No. 34484 —Swing Hook or Arm only.....	each.	2.00

Piano Hinges

Wrought Brass.



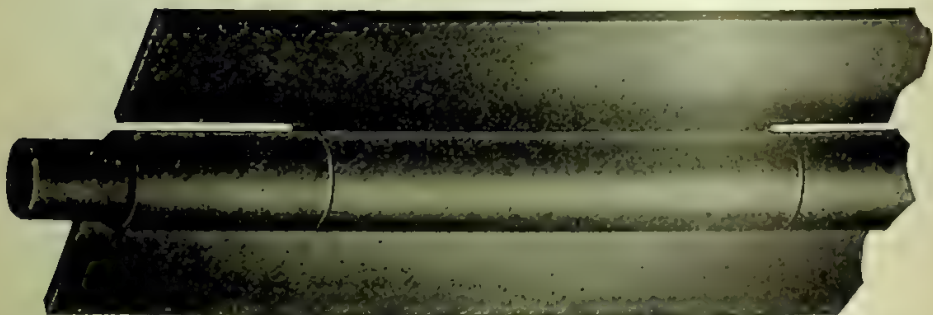
No. 18 B. & S. Gauge Brass.

Countersunk Holes for No. 6 Screw, two inches apart.

48 inch lengths.

1 ¼ inch, open width, Nickel Plated.....	.....each,	\$4.30
1 ½ inch, open width, Nickel Plated.....	.....each,	4.75

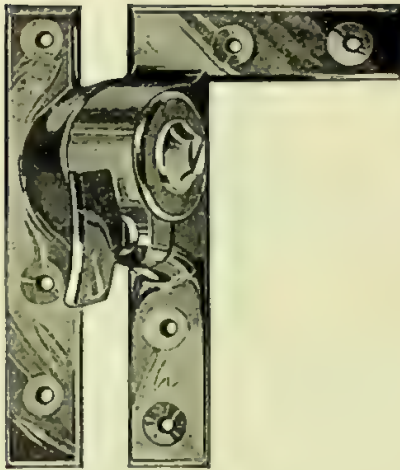
Hood Top and Side Hinge.



Stock lengths: 30, 36, 42 and 48 inches, Brass.

	Diameter Pin	Open Width		
No. 253 —	¼	1 ½	per foot,	\$0.90
No. 254 —	⅜	1 ⅝	per foot,	.90
No. 255 —	½	1 ¾	per foot,	1.00

Windshield Fixtures



No. 130.



No. 212.

No. 130-A—Pattern offset as illustrated.

No. 130-B—Pattern faces even or flush.

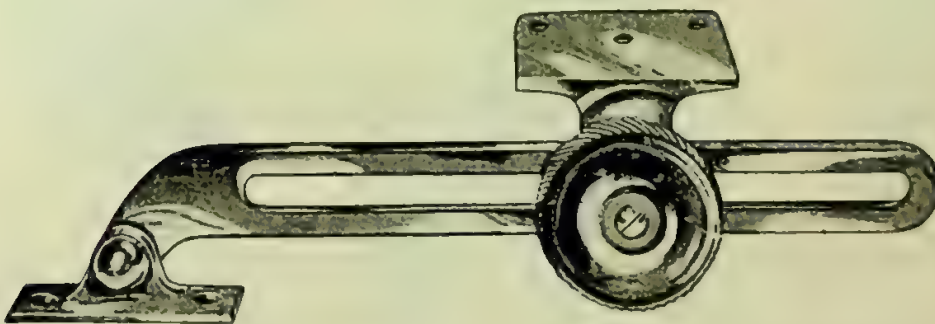
No. 130-A—Brass, Nickel Plated.....per pair, **\$7.00**

No. 130-B—Brass, Nickel Plated.....per pair, **7.00**

Illustration Shows Bracket Offset $\frac{5}{8}$ inch.

No. 212—Brass, Nickel Plated.....per pair, **\$3.00**

Used on many of the popular Sedans.



For swinging front window to hold the sash forward at any desired angle.

No. 210—Nickelper pair, **\$4.00**

No. 210—Length of Slide 6 inches.

No. 215—Nickel Platedper pair, **\$4.50**

No. 215—Same Pattern as No. 210.

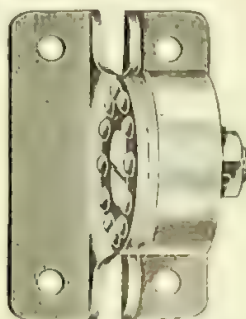
No. 215—Length of Slide $9\frac{1}{2}$ inches.

Automatic Windshield Hinges

Steel. Black Japanned.



No. 3.



No. 4.

No. 3—Automatic Windshield Hinge per pair, \$2.00
For shields measuring 16x40 inches and less.

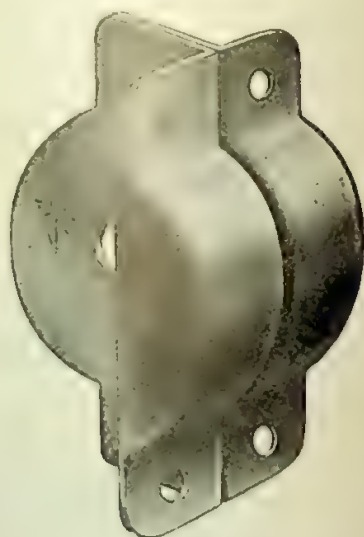
No. 4—Automatic Windshield Hinge per pair, \$2.20
For shields measuring 16x40 inches or larger.



No. 5.



No. 10-11.



No. 50—J. & J.

No. 5—Automatic Windshield Hinge per pair, \$2.10
For shields measuring 16x40 inches or less.

No. 10—Automatic Windshield Hinge per pair, \$1.70
For shields measuring 16x40 inches or less.

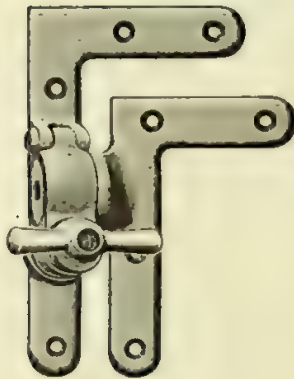
No. 11—Automatic Windshield Hinge per pair, \$1.70
For shields measuring 16x40 inches or larger.

No. 50—J. & J. Windshield Hinge..... per pair, \$1.70

Requires Minimum cutting away of sash and frame. No bevel on top of windshield necessary.

Windshield Hinges

For the Commercial Car.



No. 9360.



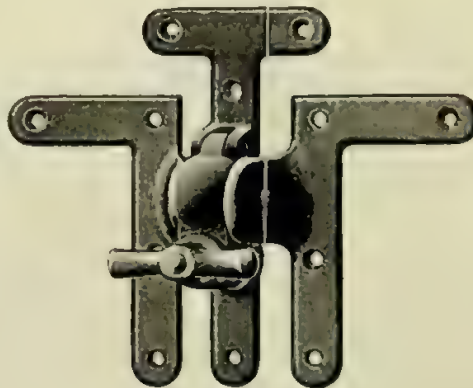
No. 9363.

No. 9363—Malleable Iron, Japannedper pair, **\$2.50**

4½ inches length of Straps, ¾ inch width of Straps, 1 inch C. to C. of Straps. 2⅛ inches end of Straps to center of Trunnion, ⅝ inch back of Strap to center of Trunnion, 2¼ inches Spread of Wing Nut.

No. 9360—Malleable Iron, Japannedper pair, **\$3.00**

3x5½ inches outer Corner, 2⅝x4 inches inner Corner. ¾ inches width of Straps, 1⅓ inches top of inside Corner to center of Trunnion, 2½ inches Spread of Wing Nut.

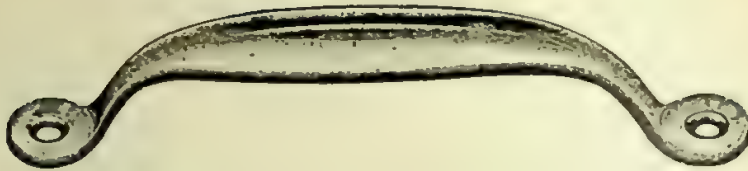


No. 9361.

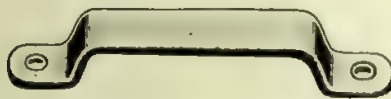
No. 9361—Malleable Iron, Japannedper pair, **\$2.00**

2⅝x4 inches Corner, ¾ inches width of Straps, 1⅛ inches C. to C. of vertical strap, 1½ inches C. to C. horizontal straps, 1⅓ inches top of Corner to center of Trunnion, ⅝ inch back of Strap to center of Trunnion, 2½ inches Spread of Wing Nut.

Windshield Pulls



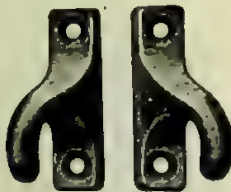
- No. 400—Brass, Nickel Platedper dozen, \$4.00
 No. 300—Steel, Nickel Platedper dozen, 1.50
 No. 200—Steel, Black Japannedper dozen, 1.00



- No. 220—Steel, Black Japannedper dozen, \$1.70



No. 110.



No. 9375.



No. 9604.

- No. 110—Brass, Nickel Platedper pair, \$0.70
 No. 9604—Malleable Iron, Japannedper pair, .35

3¾ inches C. to C. of inside Screw Holes.

- No. 9375—Malleable Iron, Japannedper pair, .20
 1½x2 inch Bearing Plates. 1⅛ inch projection over all.

Hood Fasteners



No. 584.



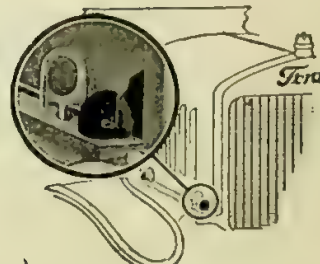
No. 574.

No. 574—Hood Fastener, Black Japanned.....each, \$1.00
No. 584—Hood Fastener, Black Japanned.....each, 1.00

Vitalic Hood Silencers



No. 1.



Ford.

No. 1—Silencer will fit

Apperson (1923 Phaeton only)
Bay State (1923)
Buick (1917-22, inclusive)
Chandler (1918-21, inclusive)
Dodge (1923 and earlier)
Dort Four (1920-21)
Du Pont (1923 and earlier)
Haynes (1923)
Hupmobile (1921-22-23)
Jordan (1920-21)
Liberty (1918-21, inclusive)
Maxwell (1923 and earlier)
Mercer (1923)
Nash Four and Six (1919-20-21)
Oakland (1923 and earlier)
Overland (1923 and earlier)
Pierce Arrow (1923)
Premier (1923)
Velie (1923)

No. 2 Silencer will fit

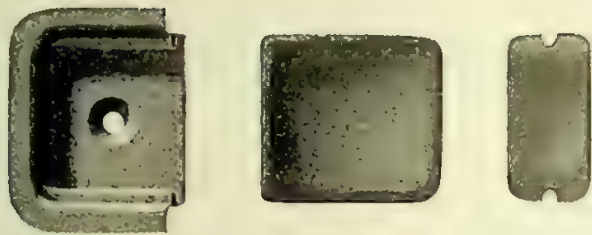
Columbia (1923 Touring)
Courier (1923)
Earl (1923)
Liberty (1922-23)
Moon (1921-22-23 except Model
6-58)
Nash Six (1922-23)
Oldsmobile (1922-23)

No. 3 Silencer will fit

Lexington (1922-23)
Mercer (1922 and earlier)
Rickenbacher (1923 and earlier)
Stephens (1923)
Studebaker (1923 and earlier)
Six to a car

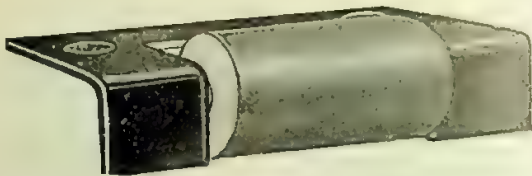
No. 1—Silencer	.....per set of four, \$1.30
No. 2—Silencer	.....per set of four, 1.50
No. 3—Silencer	.....per set of four, 1.50
FORD—Silencer	.....per set of four, 1.20

Door Bumpers



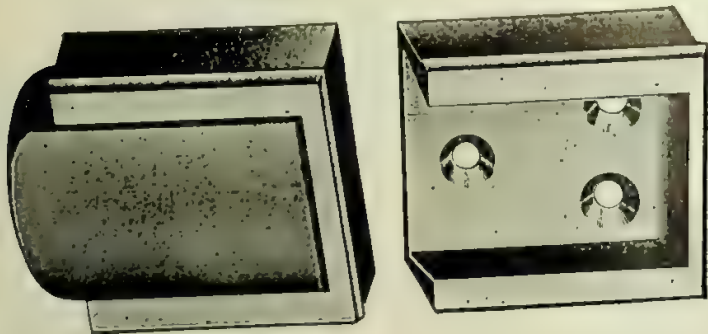
No. 1409.

No. 1409—Parkerized Steelper dozen, \$2.50



No. 116-B—Brass, Nickel Platedper dozen, \$2.50

Size, $\frac{7}{16} \times \frac{3}{4} \times 2\frac{1}{2}$ inches with $\frac{19}{32}$ inch Rubber Roller, Brass Bushing.



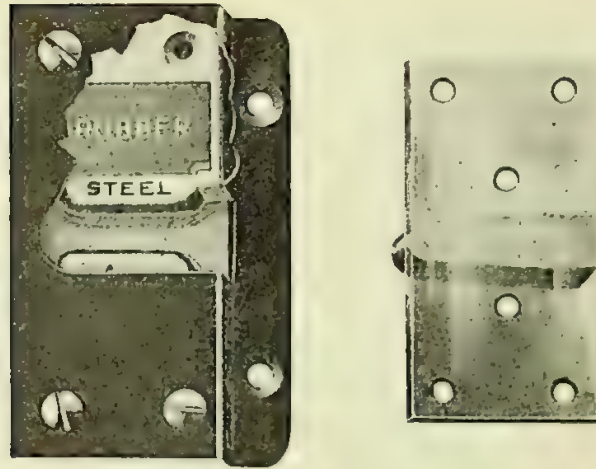
No. 200—Soss Door Bumper, Length $1\frac{1}{16}$ inch, Width $1\frac{1}{4}$ inches,
Height $\frac{1}{2}$ incheach, \$0.35

No. 201—Soss Door Bumper, Length $1\frac{1}{4}$ inches, Width $1\frac{1}{4}$ inches,
Height $\frac{1}{2}$ incheach, .50

No. 200—Rubber Bumpers onlyper dozen, 1.60

No. 201—Rubber Bumpers onlyper dozen, 1.60

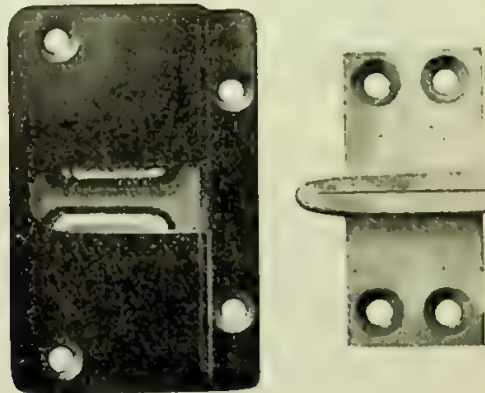
Ideal Dovetail Door Bumper



No. 1215.

For heavy-type Closed Body construction. Casing is a Die-Casting into which is fitted resilient Rubber Bumpers, protected by steel bumper shoes. A stamped steel, Black Japanned, Face Plate completes the assembly. Male or Wedge plate Bronze. Die Cast Case $2\frac{1}{8}$ inch x $1\frac{9}{32}$ inch. Face or Cover Plate $3\frac{1}{8}$ inch x $1\frac{7}{8}$ inch.

No. 1215—Ideal Dovetaileach, \$1.70

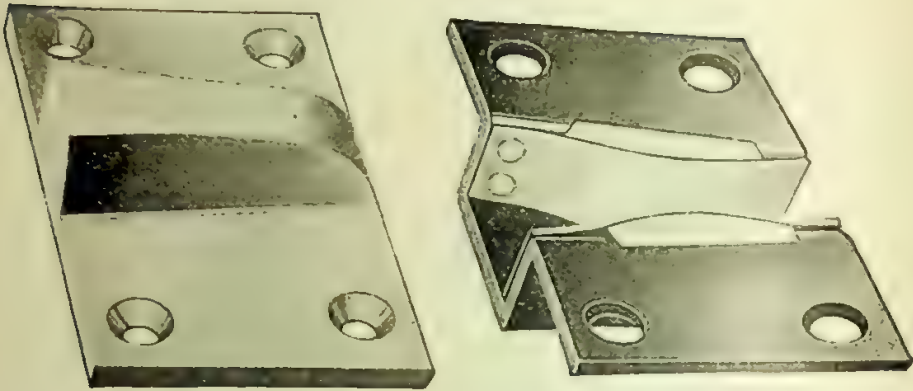


Practically a replica of the No. 1215 Dovetail for the lighter type closed body and frequently used on open bodies. Casing is a galvanized steel stamping into which is fitted resilient Rubber Bumpers protected by steel bumper shoes. Black Japanned Face Plate. Male or Wedge Plate Galvanized Steel. Case $1\frac{1}{8}$ inch x $1\frac{1}{8}$ inch. Face or Cover Plate $2\frac{5}{8}$ inch by $1\frac{1}{4}$ inch.

No. 1190—Ideal Junior Dovetail.....each, \$0.90

Dovetails

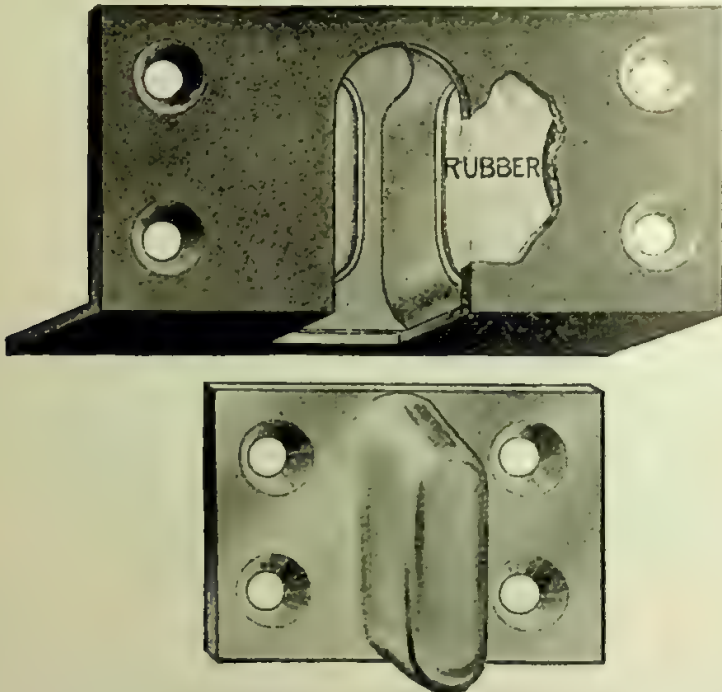
Gravel Style.



Female part $1\frac{1}{2}$ inch x $2\frac{1}{8}$ inch.

Female part Black Japanned. Bronze Springs reinforced by Rubber inserts. Nickel Plated Male.

No. 183 $\frac{1}{2}$ —Dovetaileach, \$0.80

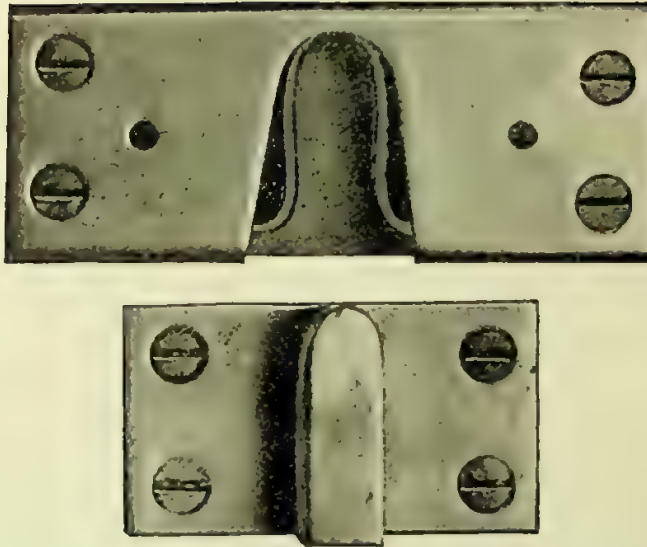


Female part $1\frac{1}{2}$ inch x 3 inch.

Female part Black Japanned. Bronze Spring reinforced by Rubber inserts. Nickel Plated Male.

No. 369—Dovetaileach, \$0.80

Dove Tails



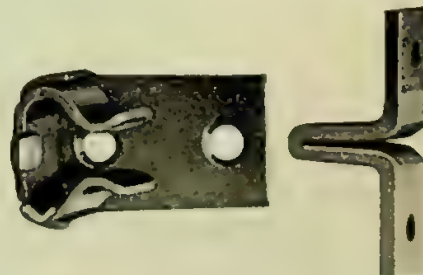
No. 108.

No. 108—Black Japanned Steel Case, Bronze Spring, Case $3 \times 1 \frac{5}{16}$
incheach, \$0.90

No. 109—Black Japanned Steel Case, Bronze Spring, Case $2 \frac{1}{2} \times \frac{7}{8}$
incheach, .50



No. 1.



No. 1120.

No. 1—Malleable Iron $2 \times \frac{3}{4}$ inch.....per dozen, \$1.50

No. 1120—Galvanized Steelper dozen,

Rubber Door Bumpers



Illustration is Exact Size.

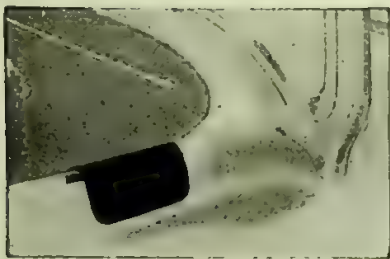
No. 107—Door Bumperper gross, \$5.50

Pure Para Rubber
In Slabs.

Slab Rubber, $\frac{3}{16}$ inch to 1 inch Thick.....per pound, \$

A six (6) inch strip of this rubber in the various thicknesses in which it may be obtained will enable any shop to replace the worn out Rubber Bumper quickly and efficiently regardless of the size or shape required.

Stanwood Conformable Hand Pads

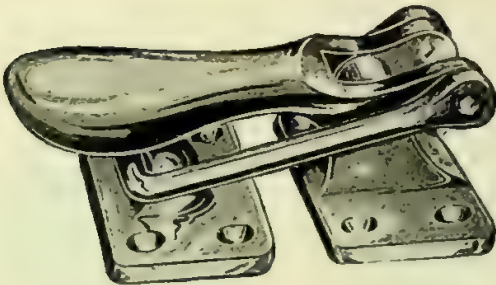


Stanwood Conformable Hand Pads.....each, \$1.50

Consists of a flexible metallic sheet enclosed between leather sections of the pad. Conforms perfectly to the contour of the door. Black English Straight Grain Leather used.

Size, 4½ inch wide, 7½ inch long.

Toggle Locks



No. 566—Brass, Nickel Plated.....each, **\$2.25**

Particularly adaptable to Form-a-Bed Type Touring Bodies, Landau Tops and Demountable Tops.



No. 600A.

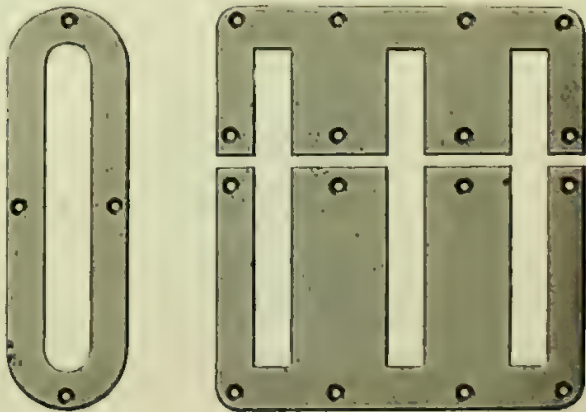


No. 600B.

No. 600A—Brass, Nickel Plated.....each, **\$1.50**

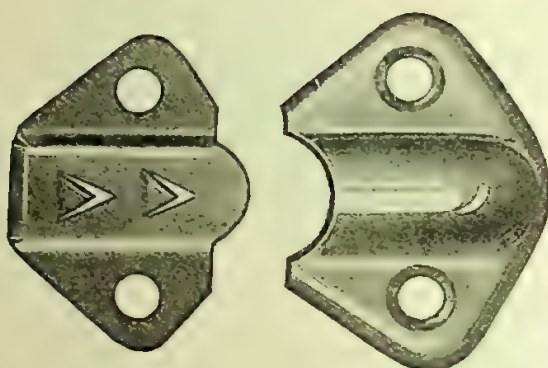
No. 600B—Brass, Nickel Plated.....each, **1.50**

Foot Board Plates.



No. 9512—For Ford Bodies.....per set, **\$0.45**

Robe Holder Mountings



No. 294—Robe Holder Mounting.....per set, \$1.00

Brass, Nickel Plated.



No. 240.

No. 240—Steel, Nickel Plated.....per set, \$1.00



No. 63—Brass, Nickel Plated.....per pair, \$1.25

Illustration actual size.

Windshield Weather Strips



No. 875.



No. 730.



No. 731.



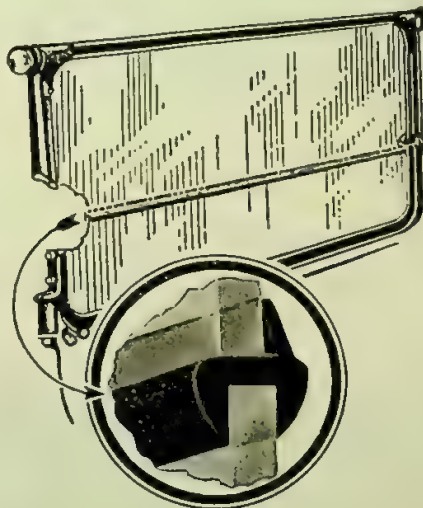
No. 732.

No. 875—	1 1/4 inch overall	per foot,	\$0.30
No. 876—	7/8 inch overall	per foot,	.28
No. 730—	7/32 inch overall	per foot,	.10
No. 731—	9/16 inch overall	per foot,	.13
No. 732—	1 1/2 inch Web	per foot,	.09
No. 733—	3/4 inch Web	per foot,	.12
No. 870—	1 inch Web	per foot,	.14
No. 871—	1 1/4 inch Web	per foot,	.18
No. 871—	1 1/2 inch Web	per foot,	.22

In lengths of 14 to 20 feet.



No. 137.



No. 136.



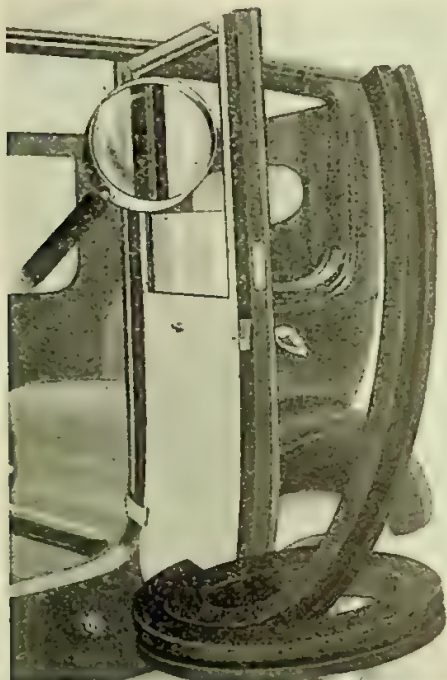
No. 138.

No. 136—	For divided Glass	per strip,	\$1.10
No. 137—	For overlapping Glass	per strip,	1.10
No. 138—	For overlapping Glass	per strip,	1.10

Strips 42 inches in length.

Packed 10 strips to a paste-board tube.

Waterproof Wool Felt. Glass Slide Channel.



Cut from slabs of Felt, chemically processed for water repellancy. A positive Glass Anti-Rattler due to its resiliency.

Put up in coils of approximately 30 feet each, it cuts to unusual advantage, proving a most economical and durable Glass Slide Channel.

No. 800— $\frac{5}{8}$ inch wide, $\frac{1}{2}$ inch deep, $\frac{3}{8}$ inch depth of groove, suitable to $\frac{3}{16}$ inch or $\frac{1}{4}$ inch Glass.....per foot, \$0.35

No. 805— $\frac{1}{2}$ inch wide, $\frac{1}{2}$ inch deep, $\frac{3}{8}$ inch depth of groove, suitable to $\frac{3}{16}$ inch or $\frac{1}{4}$ inch Glass.....per foot, .32

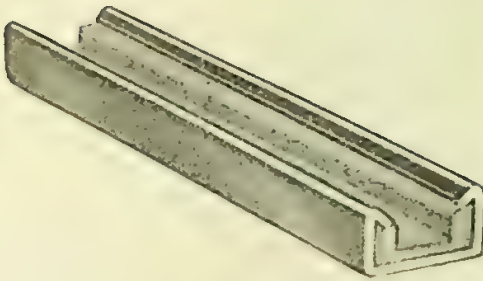


No. 1150—Grooved Felt, $1\frac{1}{2} \times \frac{3}{8}$ inches.....per foot, \$0.25

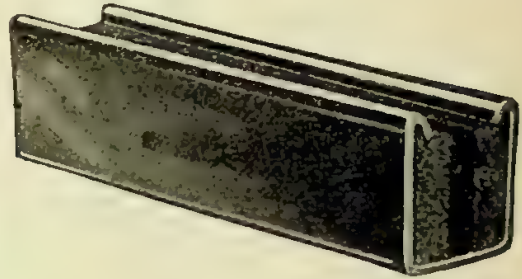
Grooved Felt put up in Lengths of 40 to 45 feet.

Window Slide Channel

Felt Lined. Black Enameled.
For Sashless Glass.



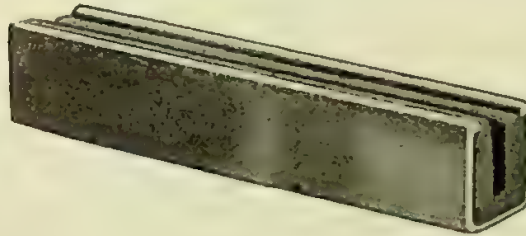
No. 2.



No. 3.

No. 2— $\frac{11}{16}$ inch wide x $\frac{7}{16}$ inch high.....	per foot, \$0.42
No. 3— $\frac{11}{16}$ inch wide x $\frac{1}{2}$ inch high.....	per foot, .52

Parkerized, Non-Rusting Steel or Aluminum.

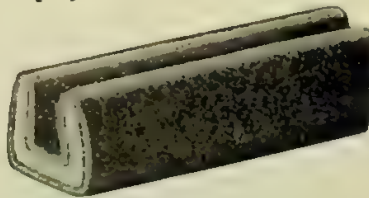


For $\frac{1}{16}$ or $\frac{1}{8}$ inch, also $\frac{1}{4}$ inch glass.

No. 5— $\frac{1}{2}$ inch wide x $\frac{1}{2}$ inch high, Parkerized.....	per foot, \$0.22
No. 98— $\frac{1}{2}$ inch wide x $\frac{1}{2}$ inch high, Aluminum.....	per foot, .22

Put up in 12 foot lengths.

Sphynx Rubber Channel.



No. 666—Black Felt Covered, $\frac{1}{2}$ inch wide x $\frac{1}{2}$ inch high..	per strip, \$0.80
No. 666—Black Velvet Covered, $\frac{1}{2}$ inch wide x $\frac{1}{2}$ inch high	per strip, 1.10

Put up in 48 inch strips.

Window Slide Channel

Plain Steel Channels.



No. 14-15.



No. 45.



No. 30.



No. 19.

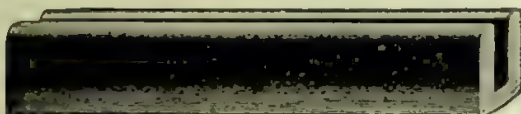
Channel for Glass Slides Made in Steel from 18 B. & S. Gauge Stock, to be Covered with Cloth.

No. 15—Plain Steel, for $\frac{3}{16}$ inch Glass.....	per foot, \$0.12
No. 14—Plain Steel, for $\frac{1}{4}$ inch Glass.....	per foot, .15
No. 45— $\frac{3}{8} \times \frac{3}{4}$ inch Steel Channel.....	per foot, .30
No. 30— $\frac{1}{4} \times \frac{7}{8}$ inch Steel Channel.....	per foot, .30
No. 19— $\frac{5}{8} \times \frac{3}{4}$ inch Steel Channel.....	per foot, .25
No. 23N— $9/32 \times 9/32$ inch Steel Channel.....	per foot, .12
13 foot lengths.	

Glass Slide Channel Coverings.

No. 42—72 inch Black Felt.....	per yard, \$3.50
No. 45—22 inch Black Velvet.....	per yard, 2.50
No. 3070—54 inch Corkscrew Cloth, Black.....	per yard, 6.00

Rubber Glass Slide Channel



No. 815— $\frac{5}{16}$ inch wide x $\frac{7}{16}$ inch deep, Groove or Channel $\frac{3}{16}$ inch wideper foot, \$0.18

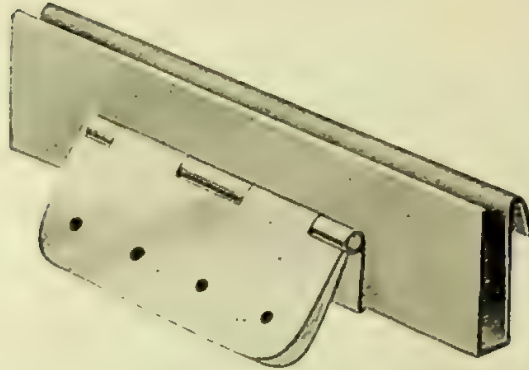
Rubber Windshield Channel



No. 230— $\frac{5}{16}$ inch wide x $\frac{3}{8}$ inch deep, Groove or Channel $\frac{3}{16}$ inch wideper foot, \$0.10

Frameless Window Channel

For Sashless Glass.

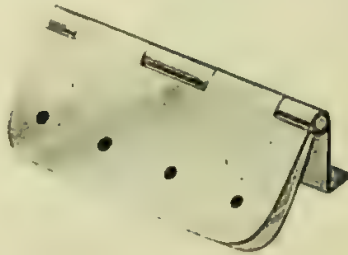


No. 16 Sashless Glass Channel, fitted with No. 805 Lace Lifter.

No. 200—Nickel Plated, 24 inches long.....each, **\$4.00**

Hinged Lace Lifters

For Sashless Glass Channels.



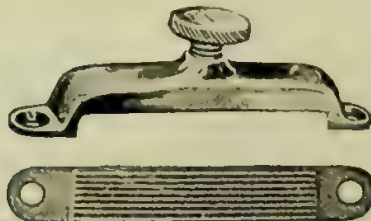
2½ inches Wide.

No. 805—Nickel, Electro Plated.....per dozen, **\$9.60**

Broad Lace Holders

To Hold the Window Open at Any Desired Height.

For Lace 2½ inches Wide.



No. 3—Nickel Platedeach, **\$1.30**

Glass Lifter Channel



No. 16.

No. 16—Nickel Platedper foot, \$0.60
No. 16—Steelper foot, .20

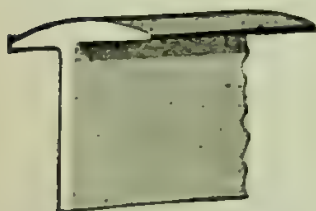
Fence Rail



No. 20-A.

No. 20-A—Steel, 1 inch wide.....per foot, \$0.16

Door Mouldings



Nos. 13 and 63.

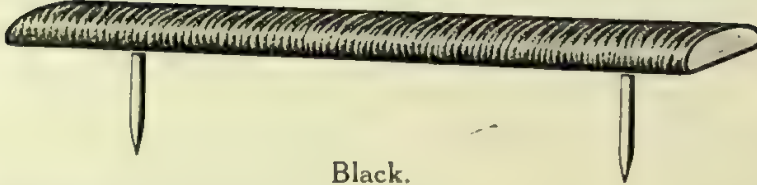


No. 550.

No. 13—Steel, to paint, $\frac{3}{4}$ inch Tee.....per foot, \$0.20
No. 65—Aluminum, to paint, $\frac{3}{4}$ inch Tee.....per foot, .26
No. 550—Aluminum, to paint, $\frac{5}{8} \times \frac{3}{4}$ inch Tee.....per foot, .20

13 foot lengths.

Finishing Moulding
Artificial Leather Covered.
Sole Leather Core.



Black.

No. 70—Finishing Moulding, $\frac{1}{2}$ inch Wide.....per foot, \$0.20

Rattan Mouldings



Half Round.

Inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per Pound	\$2.00	2.00	2.00	2.00

Moulding Finishing Ends

Cast Brass.



No. 450—Nickel Plated	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "
Per dozen	\$1.60	1.75	2.50

Stamped Brass.



No. 454.



No. 459.

No. 454—For $\frac{1}{2}$ inch Moulding.....per 100,	\$1.00	Nickel
No. 459—For $\frac{1}{2}$ inch Moulding.....per 100,	1.00	\$1.30
		1.30



No. 452-A.



No. 452-B.

No. 452-A—For $\frac{3}{8}$ inch Moulding.....per 100,	\$1.00	Nickel
No. 452-B—For $\frac{1}{2}$ inch Moulding.....per 100,	1.00	\$1.30
		1.30

Finishing Mouldings
Lead Filled.



Oval.

Width, inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Brass, to Paint.....per foot,	\$0.20	.....	.....
Polished Silver .....	.24	.26	.28

14-foot Bars.

Aluminum.



No. 74—Half Oval.

No. 74— $\frac{3}{4}$ inch Wide by $\frac{3}{16}$ inch Thick.....	per foot,	\$0.18
No. 74—1 inch Wide by $\frac{1}{4}$ inch Thick.....	per foot,	.30
No. 74—1 $\frac{1}{4}$ inch Wide by $\frac{1}{4}$ inch Thick.....	per foot,	.35

13 foot bars.



No.	Thick- ness	Width	Lbs. per ft.	Price per 100 ft. White metal	Lengths
26A.....	$\frac{1}{8}$	$\frac{3}{8}$	.122	\$ 8.50	30 to 50 ft. coils
26B.....	.093	$\frac{1}{2}$	.128	9.00	30 to 50 ft. coils
26C.....	.093	$\frac{5}{8}$	.164	9.50	30 to 50 ft. coils
26D.....	.093	$\frac{3}{4}$	.201	12.00	30 to 50 ft. coils
26E.....	$\frac{3}{16}$	$\frac{7}{8}$	.456	17.00	13 ft. bars
26F.....	$\frac{1}{4}$	1	.527	22.50	13 ft. bars
26G.....	$\frac{1}{4}$	1 $\frac{1}{4}$	.696	28.00	13 ft. bars
26H.....	$\frac{1}{4}$	1 $\frac{1}{2}$	.840	30.00	13 ft. bars

Drip Mouldings



No. 254—Aluminumper foot, \$0.30
12 foot Lengths.



No. 35.



No. 32.



No. 46.



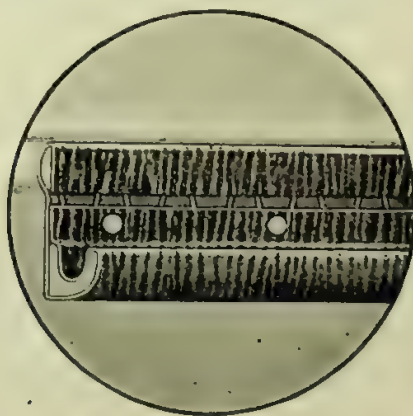
No. 39.



No. 33.

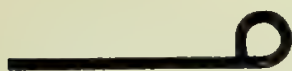
No. 32—White Metalper foot, \$0.16
No. 33—White Metalper foot, .16
No. 35—White Metalper foot, .16
No. 39—White Metalper foot, .16
No. 46—White Metalper foot, .16
13 foot lengths.

Wire-On Drip Moulding



Wire-On Drip Moulding.....per foot, \$0.17
Stock style, Black Long Grain Bright Finish Artificial Leather Covered
to match Roof Decking.
Can be furnished in Color and Grain to match Body or Roof covering.
Put up in Coils of 100 feet.

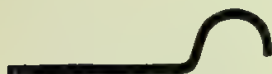
Hood Ledge or Cowl Moulding



No. 54.



No. 58.



No. 115.



No. 56-A.

No. 54—Whitemetal, 1 1/8 inch Ledge.....	per foot, \$0.21
No. 56-A—Whitemetal, 7/8 inch Ledge.....	per foot, .16
No. 58—Whitemetal, 3/4 inch Ledge.....	per foot, .16
No. 115—Whitemetal, 7/8 inch Ledge.....	per foot, .21

Stock length 13 foot bars.

Nos. 56-A and 115 made to order in any width Ledge specified up to 3 inches in width.

Miscellaneous Angles



No.	Thick- ness in inches	Over all Size	Price per 100 ft.	
			White Metal	Brass
10 C.....	.040	3/8 x 7/8	\$6.00	\$12.00
10 C-85.....	.040	3/8 x 7/8	6.00	12.00
10 B.....	.036	1/4 x 7/8	5.50	10.50
10 A.....	.040	1/2 x 3/4	6.50	12.50
10 H.....	.028	3/8 x 5/8	4.00	8.00
10 M.....	.050	1/8 x 1/2	6.00	

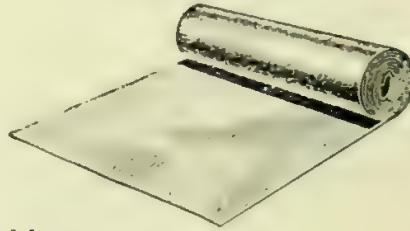
No.	Thick- ness in inches	Over all Size	Price per 100 ft.		
			Cold Rolled Steel	White Metal	Brass
10-C.....	.095	1 x 1	\$9.50		
10 N.....	.035	7/8 x 7/8	5.50	\$8.00	\$15.00
10 J.....	.065	3/4 x 3/4	6.00		
10 F.....	.050	1/2 x 1/2	5.00	6.50	13.00
10 P.....	.040	3/8 x 3/8	4.50	5.00	9.00
10 O.....	.050	1/4 x 3/8	4.00	5.00	9.00

Linoleum, Rubber and Aluminum Mattings for Foot and Floor Boards

Linoleum.

Plain Brown, Green or Gray, 72 inch width.....per yard, **\$4.50**
Plain Brown, Green or Gray, 12 inch width.....per yard, **.90**

Rubber Matting.

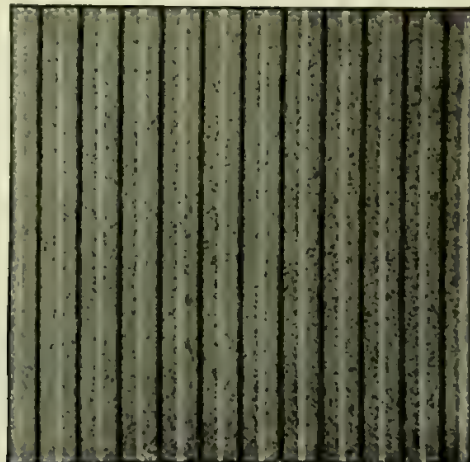


Corrugated, 36 inch width.....per yard, **\$2.80**
Corrugated, 48 inch width.....per yard, **4.00**
Pyramid, 36 inch width.....per yard, **3.80**

Aluminum Matting.

Pyramid, 12 inch width.....per square foot, **\$0.70**
Pyramid, 24x72 inch sheets.....per square foot, **.70**

Lhin Rubber.



Lhin Rubber, 39 inch width.....per yard, **\$3.50**
A composition of Rubber and Linoleum.

Linoleum Cement.

Linoleum Cementper quart, **\$1.50**

Running Board Mouldings

No. 18 Gauge.

White Metal Composition, Rustproof, Pliable and Tough.



No. 1. 85°



No. 2.



No. 3.

No. 1— $\frac{1}{2}$ inch wide, $\frac{7}{8}$ inch deep.....	per foot, \$0.15
No. 2— $\frac{3}{8}$ inch wide, $\frac{7}{8}$ inch deep.....	per foot, .15
No. 3— $\frac{1}{2}$ inch wide, $\frac{7}{8}$ inch deep.....	per foot, .15



No. 7.



No. 10.



No. 39.

No. 7— $\frac{1}{2}$ inch wide, $\frac{7}{8}$ inch deep.....	per foot, \$0.15
No. 10— $\frac{5}{8}$ inch wide, $\frac{7}{8}$ inch deep.....	per foot, .17
No. 39— $\frac{3}{4}$ inch wide, $\frac{3}{4}$ inch deep.....	per foot, .17

6 foot or 13 foot lengths.

Economical Convenient
Note the Heavy Cardboard Tube.



It is six feet long, strong and well made. Ends are sealed with tough wooden plugs, nailed all around.

These Tubes are packed ready for shipping and contain twelve (12) six foot strips of a style, of any of the above illustrated styles, assuring Fresh, Clean Stock on your shelf, free from distortion and in lengths suitable to the majority of running boards.

Running Board Moulding

No. 18 Gauge.



No. 80—Pyramid Designper foot, **\$0.16**
13 foot lengths.

Running Board Finishing Strip

White Metal.



No. 52.



No. 50.

No. 52— $\frac{1}{2}$ inch wide, 3 Bead.....	per foot, \$0.12
No. 53— $\frac{1}{8}$ inch wide, 4 Bead.....	per foot, .15
No. 54— $\frac{3}{4}$ inch wide, 5 Bead.....	per foot, .15
No. 50— $\frac{1}{2}$ inch wide, Plain.....	per foot, .09

Floor Board Moulding



No. 6—Alite, Floor Board, $\frac{5}{16} \times \frac{3}{4}$ inch.....per foot, **\$0.14**
12 foot lengths.

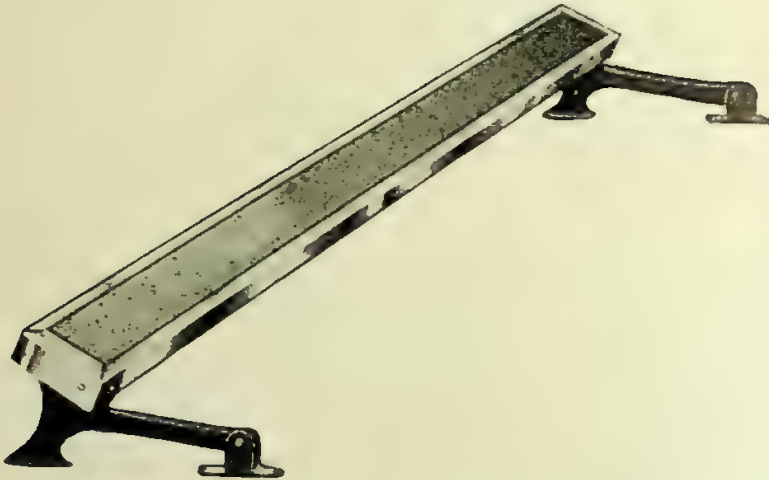
Running Board Finishing Nails



$\frac{5}{16}$ inch Head, 1 inch Nail.

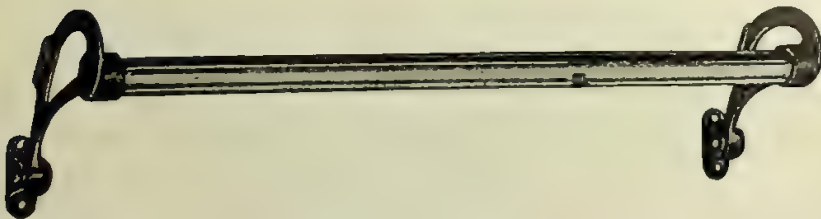
Running Board Nails, Nickel Plated.....per paper, **\$0.50**
100 Nails to the paper.

Foot Rests



Rest proper of Oak, covered with Linoleum or Carpet, bound with Alite Moulding. Feet of Malleable Iron, Black Japanned.

No. 50—Foot Rest, Length Over All 35 inches.....each, \$3.50



Nickel Plated.

No. 55—Foot Rest, 1 inch Seamless Tube.....each, \$3.50

Folding Robe Rails

"Peerless"



No. 4450—Non-Tarnish Satin Silver Nickel Mounted, Black, Hard Rubber Finish Rail.....each, \$7.50

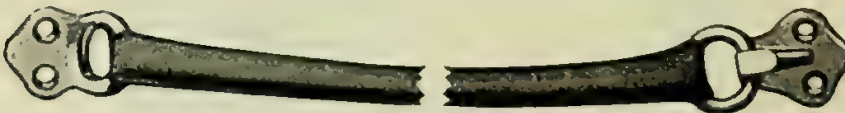
Folding Robe Rails.



No. 221—Nickel Mounted, Black Rubber Finish Rail, Length over all 15 incheseach, \$3.50

No. 221-A—Same style and finish as No. 221, Length over all 31 incheseach, 5.00

Leather Covered Robe Rails.



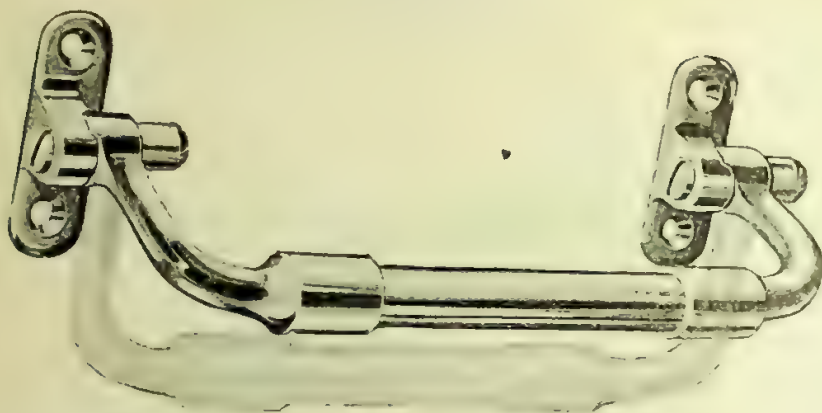
No. 115.

Sole Leather Core, Enameled or Dull Finish Long Grain or Leather Grained, Leather Covered.

Made to Length desired.

Price on application.

Robe Rails



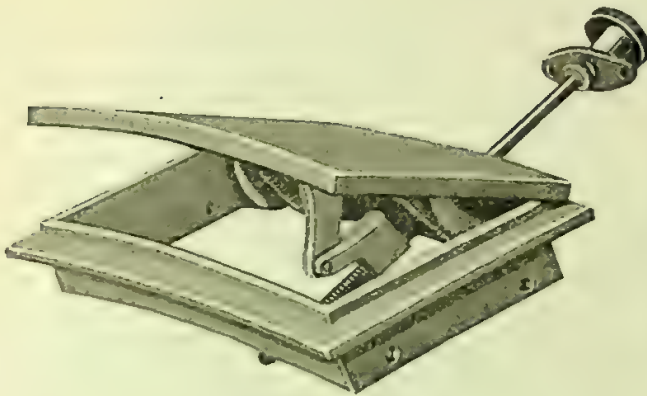
No. 150—Robe Rail. Designed especially for the higher priced cars, such as Packard, Cadillac, Pierce-Arrow, etc. Rail is locked in position while in use by concealed springs. Made entirely of brass, nickel plated. Length over all, 35 inches.
Priceeach, **\$5.00**

Coat Hooks

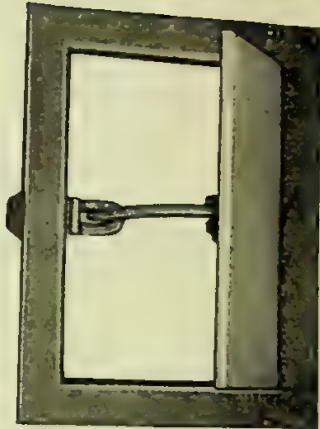


No. 1—Nickel Plated, (one arm).....each, **\$3.00**
No. 2—Nickel Plated, (two arm).....each, **4.00**

Ventilators



No. 202.
Cowl Ventilator.

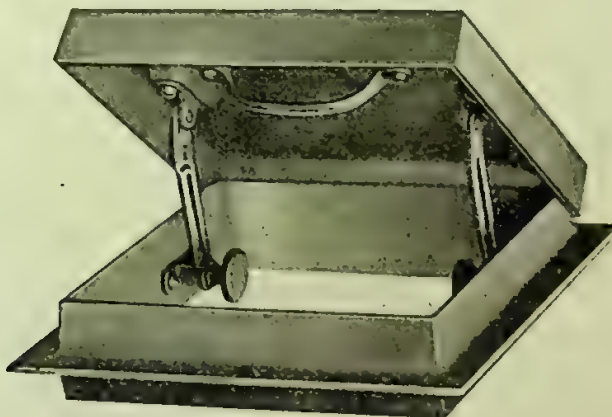


No. 201.
Side Cowl Ventilator.

No. 201—Side Cowl Ventilator.....per pair, **\$11.00**
Opening $5\frac{3}{8} \times 4\frac{1}{8}$ inches. Brass Frame, Aluminum Cover.

No. 202—Top Cowl Ventilator.....each, **\$10.00**
Opening $9\frac{1}{8} \times 3\frac{7}{8}$ inches. Aluminum Frame and Cover. Fittings Brass Nickel Plated. The Plate is so arranged to fit any cowl.

Roof Ventilator

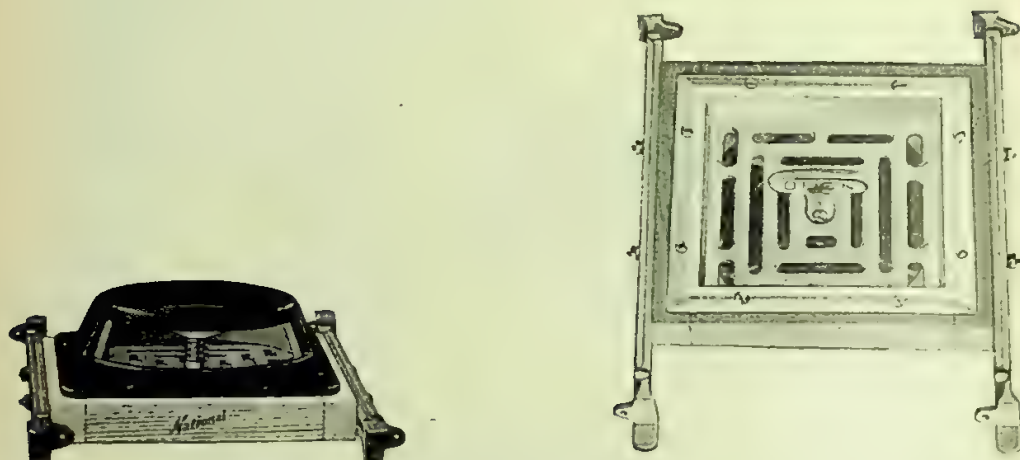


No. 205—Roof Ventilatoreach, **\$12.00**

Opening 7x7 inches. Aluminum frame and cover. Fittings brass nickel plated. Quadrants on each side that will hold cover at any opening without rattling.

National Roof Ventilator

For Closed Cars.



A perfect system of ventilating closed cars. The National Roof Ventilator, by the motion of the car, sucks out the foul air that rises to the roof of the car, thus reducing the air pressure in the car and causing the fresh air to rush in.

These roof ventilators do not interfere with the windows or doors. There are no direct draughts, yet the air in the largest Sedan may be completely changed every few minutes.

National Roof Ventilators are not unsightly, either from the outside or inside of car. Do not mar or disfigure the car in any way. They are so constructed that rain cannot enter them and come into the car.

The illustration above is a rear view of the roof ventilator in open position, showing the cover and frame, which is exposed on the roof. The wood support frame on which the ventilator is mounted and the extension slides fit nicely between the roofing material and interior trimming.

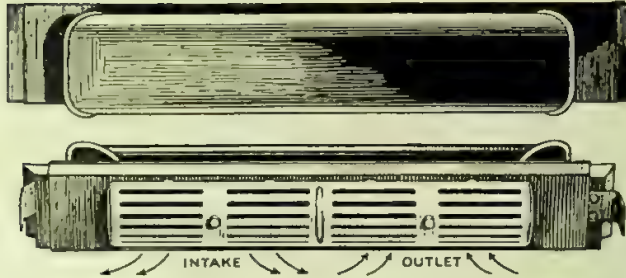
The interior illustration shows the slides partly extended and the neat grille plate which is made of cast aluminum, polished. The grille plate is fastened to the under side of the wood support frame. The control handle in the center is flush with the bottom edge of the grille plate and is marked OPEN on one side and CLOSED on the other. One half turn of the handle makes a complete opening of the ventilator giving an air space of $6\frac{1}{2}$ square inches, or it can be adjusted to any lesser degree of ventilation if desired.

Size of Roof Ventilator—Aluminum Frame 7×7 inches square. The cover is $6\frac{1}{4}$ inches in diameter. Height when mounted, $1\frac{3}{4}$ inches. Air space opening $1\times 6\frac{1}{2}$ inches. Size of Grille Plate, $6\frac{3}{4}\times 6\frac{3}{4}$ inches. Extension Slides adjustable between bows from 8 to $12\frac{1}{2}$ inches.

National Roof Ventilator, Model W, complete.....each, \$16.00

Two Way Auto Vent

The Perfect Draftless Ventilator.
Pure Air and Comfort.



This shows how the TWO WAY AUTO VENT appears from inside the car. Notice how air passage can be controlled by checks—also the fine screen which eliminates dust and dirt.

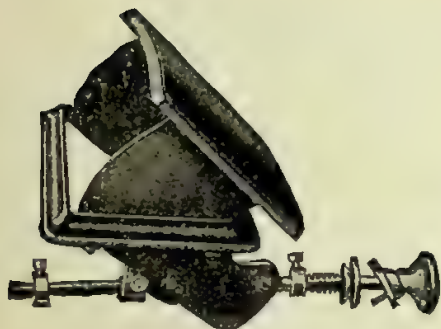
The enclosed car is coming more and more into popular use. Sound construction and more substantial comfort are aimed at in each new model, but every enclosed car owner finds himself confronted with this problem: How to provide fresh air for the occupants without exposing them to dangerous draughts and cross currents causing stiff necks and colds, and how to expel the foul air and avoid the same risks and discomforts.

The TWO WAY AUTO VENT solves this problem by the application of a sound scientific principle. It perfectly ventilates the interior of any closed car in which it is installed. The product of expert study and experiment, it possesses among others these five special and distinct advantages:

- 1—Perfect Operation—All foul air, smoke or gas is completely drawn from the car interior and fresh air is drawn in to replace it, without causing draughts or exposure, by means of a suction process.
- 2—Adaptability—It fits every make of closed car—is easily and quickly installed at the top of the window where the glass is raised against it.
- 3—Sound Construction—Sheet steel, finely enameled, makes the TWO WAY AUTO VENT a fixture of strength and fine appearance, and one that is both weather and dust proof.
- 4—All Year Comfort—Perfect circulation insures agreeable temperature in cold or warmer weather, and prevents steamed or frosted windows.
- 5—Complete Control—By means of two checks, the TWO WAY AUTO VENT can be opened to any degree or closed entirely.

Two Way Auto Vent.....each, \$10.00

National Cowl Ventilators



Models "R" "S" "T"
Dash Control.



Models "A" "B" "F"
Under Cowl Control.

Models "R"—"S"—"T"

Black Enamel Finish.....	each, \$12.00
Nickel Plated Finish.....	each, 12.00
Polished Aluminum Finish.....	each, 12.00

Size of Ventilator— $4\frac{3}{4} \times 10\frac{3}{4}$ inches.

Models "A"—"B"—"F"

Black or Polished Finish.....	each, \$10.00
-------------------------------	---------------

Size of Ventilator— $4\frac{1}{2} \times 10\frac{1}{4}$ inches.

All models quickly and easily installed. A correct size gasket is furnished with every ventilator and this gasket contains complete instructions for installing.

Model "T" has convex curvature designed to fit the peculiar convex shape of Ford Roadsters, Touring Cars, Coupes and Roadster Trucks. It can be used on all the above Ford cars having instrument boards, with the exception of the Ford Sedan which requires Model "R" for Dash Control.

National Cowl Ventilator

Construction of Models "R"- "S"- "T"

The universal dash control mechanism used on this model can be placed in any desired location on the instrument board most convenient for the driver, either in the center or to the right or left, up or down as may be required to dodge any other instrument. In fact it may be placed anywhere within an area of 82 square inches measuring from center of instrument board $5\frac{1}{2}$ inches to right or $5\frac{1}{2}$ inches to left and $7\frac{1}{2}$ inches from top of cowl down.

The quadruple thread control screw and nut for adjusting all National Ventilators have the advantage of greater travel per turn of knob than the ordinary single thread screw.

Construction of Models "A"- "B"- "F"

The frame and cover are made of cast aluminum, highly finished and accurately shaped to fit the type of automobile for which it is designed. The cover is lifted and lowered by means of a convenient, easily turned adjusting knob which comes down under the cowl, tilted at an angle so that the operating knob sets just back and close to the bottom edge of the instrument board.

This knob actuates a quadruple thread screw, which operates through an adjusting nut, the upper end of the screw being attached to a toggle hinged to a lug on the under side of the cover. The location of this knob enables the driver to open or close the ventilator quickly without having his attention distracted from driving the car.

Following is a list of the most popular cars, showing which model ventilator to use.

Nearly Flat Cowl.

Models "A" and "R" used on the following cars and those with a cowl of similar curvature:

Name	Model Ventilator	Name	Model Ventilator
Buick	A or R	Jeffrey	A or R
Cadillac	A or R	Lexington	A or R
Case to 1920.....	A or R	Mitchell to 1920.....	A or R
Chandler	A or R	Maxwell	A or R
Chalmers	A or R	Moon	A or R
Cleveland	A or R	Nash	A or R
Chevrolet (Large) Old Model.....	A or R	National	A or R
Dort to 1920.....	A or R	Oakland (Old Models).....	A or R
Dodge	A or R	Oldsmobile to 1923.....	A or R
Earl	A or R	Overland (New Series).....	A or R
Franklin	A or R	Paige	A or R
Ford Sedan	A or R	Peerless Closed	A or R
Handley Knight	A or R	Reo 1921-1922-1923	A or R
Haynes	A or R	R-V Knight	A or R
Hudson	A or R	Star 1924	A or R
Jordan	A or R	Studebaker	A or R

Greater Curvature Cowl

Models "B" and "S" used on the following cars and those with a cowl of similar curvature:

Name	Model Ventilator	Name	Model Ventilator
Auburn	B or S	Jewett	B or S
Case 1921-1922-1923	B or S	Mitchell 1921 to 1924.....	B or S
Chevrolet (Small)	B or S	Overland (Old Models).....	B or S
Chevrolet (Superior)	B or S	Packard	B or S
Cole	B or S	Peerless	B or S
Dort 1921-1922-1923	B or S	Rotary Six	B or S
Durant	B or S	Reo to 1920.....	B or S
Elgin	B or S	Scripps-Booth	B or S
Essex	B or S	Stearns-Knight	B or S
Gray	B or S	Star 1923	B or S
Gardner	B or S	Stutz	B or S
Holmes	B or S	Velie 1921-1922-1923.....	B or S
Hupmobile	B or S	Willys Knight	B or S

Curtain Roll-Up Straps



No. 1 Pattern.



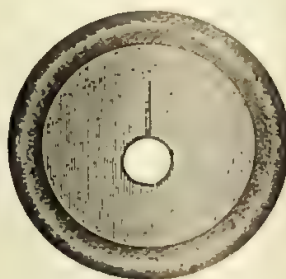
No. 500.

- No. 1—Leather Face, Drill Back.....per hundred, \$11.00
No. 500—Commercial, Length 12½ inches.....per hundred, 10.00

Wagon Curtain Patches



Knob Eyelets



Wagon Curtain Patches.

- No. 1—Four Prongs, with Japanned Screw Eyes.....per gross, \$5.00
No. 2—Five Prongs, with Japanned Screw Eyes.....per gross, 7.00
No. 3—Six Prongs, with Japanned Screw Eyes.....per gross, 8.50

No. 1, One Gross in Box; No. 2, One-half Gross in Box; No. 3, Extra Long Prong, One-half Gross in Box.

Knob Eyelets—Six Prongs with Leathers.

- No. 1—Harness Leather Center.....per gross, \$1.60
No. 2—Pebble Leather Center.....per gross, 1.60
No. 8—Large Size Knob Eyelet.....per gross, 2.75

No. 8 for Heavy Work and Repairing.

Carriage Knobs

Japanned.



No. 80.



No. 81.

No. 80—Drive, $\frac{7}{8}$ inch, Barbed Shank.....per gross, **\$1.60**

No. 81—Drive, $\frac{7}{8}$ inch, Round Shank.....per gross, **1.60**

Curtain Strap Hooks and Rings



No. 5547.



No. 10.

No. 10—Steel, Japannedper gross, **\$3.00**

No. 5547—Malleable, Japannedper gross, **6.50**

Milonite Clinch Buttons



		Bright Black	Dull Black
22 Line 1 inch Prong, Plain.....	per 1000,	\$2.90	\$3.60
22 Line, 1 1/4 inch Prong, Plain.....	per 1000,	3.15	3.75

Japanned Clinch Buttons

Metal Cap.

1 1/4 inch, 22 Line.....per gross, **\$0.75**

Washers for Clinch Buttons.

Japanned Swedgedper pound, **\$0.25**

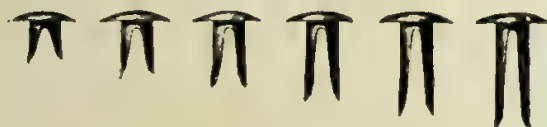
Milonite Eye Buttons



22 Line—Bright or Dull Black.....	per gross,	\$0.75
22 Line—Brown Spanish.....	per gross,	.75
22 Line—Blue Spanish.....	per gross,	.75

Split Rivets

Button Head.



No. 151.

Japanned.

No. 151—2/16, 3/16, 4/16 or 5/16.....	per 1000,	\$2.60
No. 151—6/16 inch	per 1000,	2.80
No. 151—7/16 inch	per 1000,	3.00
No. 151—8/16 inch	per 1000,	3.20

One Thousand in Box.

Tubular Rivets

Belt Head.



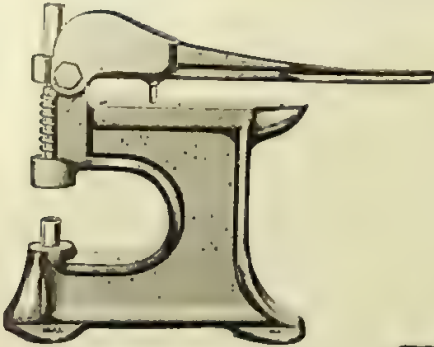
No. 253.

Japanned.

No. 253—2/16, 3/16, 4/16 or 5/16 inch.....	per 1000,	\$3.30
No. 253—6/16 inch	per 1000,	3.50
No. 253—7/16 inch	per 1000,	3.70
No. 253—8/16 inch	per 1000,	4.00
No. 253—9/16 inch	per 1000,	4.10
No. 253—10/16 inch	per 1000,	4.20
No. 253—Assorted	per 1000,	3.50

One Thousand in Box.

Riveting Machines



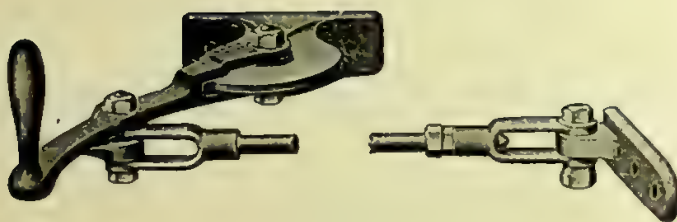
For Tubular or Split Rivets.

"Victor" Riveting Machine.....	each,	\$8.50
"Rex" Riveting Machine	each,	4.50
"R. I." Riveting Machine and Punch.....	each,	4.00

Bus Hardware

Side Door Controls.

Center Type.



No. 5770.



- 5x1 $\frac{7}{8}$ inch Dash Bracket Bearing.
- 2 $\frac{5}{8}$ inch face of Dash to c. of Hinge Bolt.
- 8 inch length Hand Lever.
- 4 $\frac{1}{8}$ inch c. of Hinge Bolt to c. of Yoke Bolt.
- 4x1 $\frac{1}{8}$ inch Control Rod Door Plate.
- $\frac{3}{8}$ inch proj. face of Door to c. of Yoke Bolt.
- 1 inch diameter Door Rollers.

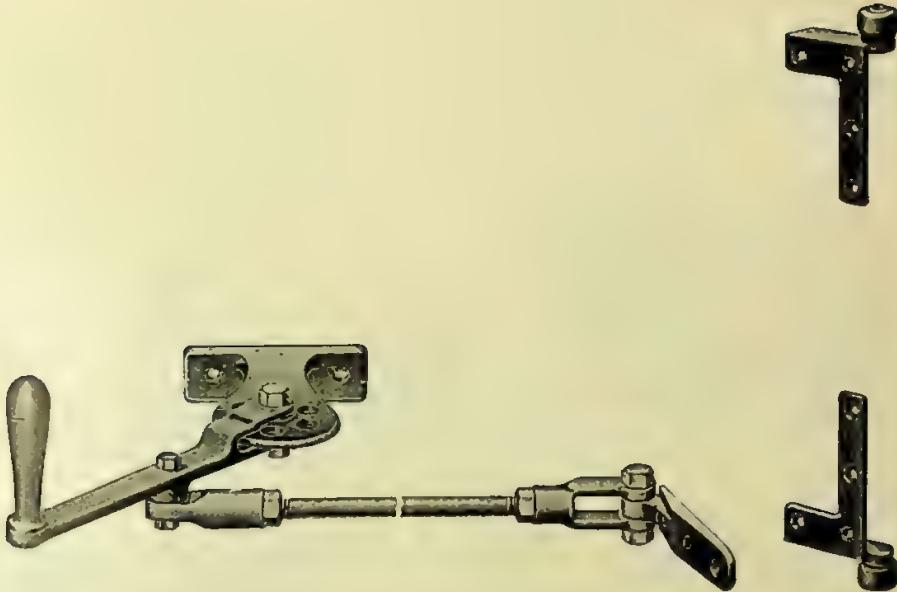
Rod Stub Ends threaded $\frac{7}{8}$ —20 S. A. E. Standard, furnished with Yokes, are for welding to required length of Door Control Rod.

No. 5770 is designed for light Bus Bodies having Jack Knife Folding Doors which swing OUTWARD only.

No. 5770 will be shipped complete with Door Rollers unless otherwise ordered.

No. 5770—Side Door Controls, Plain Fitted.....per set, **\$6.00**
Complete with No. 5772 Door Rollers.

Bus Hardware
Side Door Controls.
Center Type.
For Outward Folding Doors.



No. 5778.

- 5x1 $\frac{7}{8}$ inch Dash Bracket Bearing.
- 4 $\frac{1}{2}$ inch Face of Dash to c. of Hinge Bolt.
- 9 $\frac{1}{4}$ inch length of Hand Lever.
- 4 inch c. of Hinge Bolt to c. of Rod End Bolt.
- 4 $\frac{1}{2}$ x 1 $\frac{1}{4}$ inch Control Rod Door Plate.
- $\frac{1}{2}$ inch prj. face of Door to c. of Yoke Bolt.
- 1 inch diameter Door Rollers.

Rod Stud Ends threaded $\frac{5}{8}$ —11 U. S. S. furnished with Yokes are for welding to required length of Door Control Rod.

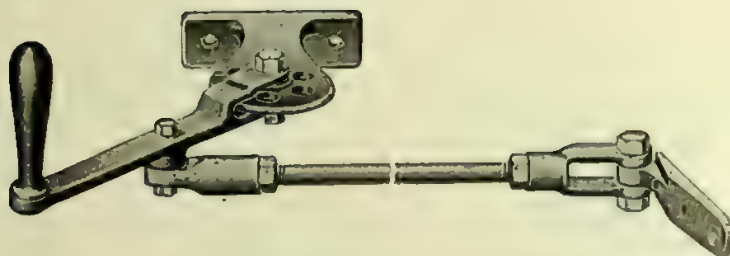
No. 5778 will be shipped complete with Door Rollers unless otherwise specified.

When it is intended to use No. 5778 for Single Panel (not Folding) Doors, no rollers are necessary:

No. 5778—Side Door Control, Plain Fitted.....per set, \$7.50

Bus Hardware
Side Door Controls.
Center Type.

For Inward Folding Doors.



No. 5779



5x1 $\frac{7}{8}$ inch Dash Bracket Bearing.

4 $\frac{1}{2}$ inch face of Dash to c. of Hinge Bolt.

9 $\frac{1}{4}$ inch length Hand Lever.

4 inch c. of Hinge Bolt to c. of Rod End Bolt.

4 $\frac{1}{2}$ x1 $\frac{1}{4}$ inch Control Rod Door Plate.

$\frac{1}{2}$ inch proj. face Door to c. of Yoke Bolt.

1 inch diameter Door Rollers.

Rod Stub Ends threaded $\frac{5}{8}$ —11 U. S. S. furnished with Yokes, are for welding to required length of Door Control Rod.

No. 5779 will be shipped complete with Door Rollers unless otherwise ordered.

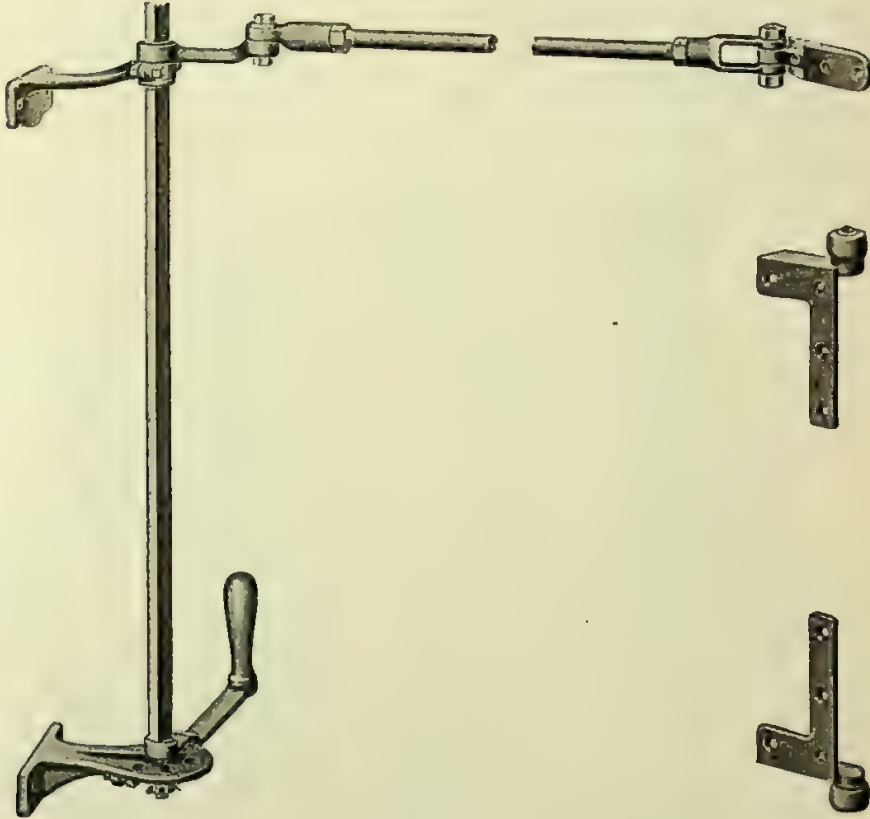
No. 5779—Side Door Controls, Plain Fitted.....per set, \$7.50

Bus Hardware

Side Door Controls.

Overhead Type.

For Outward Folding Doors.



No. 5771.

- 5x1 $\frac{7}{8}$ inch Handle Bracket Bearing.
- 5x1 $\frac{7}{8}$ inch Upper Lever Bracket Bearing.
- 4 $\frac{1}{2}$ inch side of Body to c. of Square Shaft.
- 4 inch c. to c. of Upper Lever.
- 4 $\frac{1}{2}$ x1 $\frac{1}{4}$ inch Control Rod Door Plate.
- $\frac{1}{2}$ inch proj. face of Door to c. of Yoke Bolt.
- $\frac{5}{8}$ inch Square Shaft.
- 36 inch length Square Shaft.
- 1 inch diameter Door Rollers.

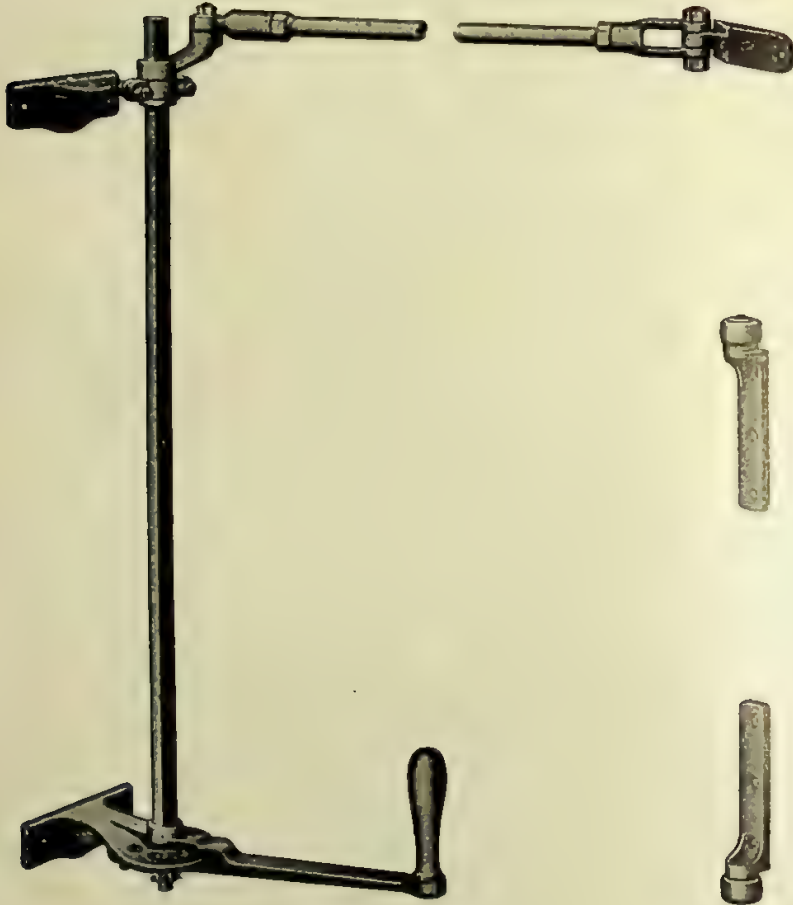
Rod Stub Ends threaded $\frac{5}{8}$ -11 U. S. S., furnished with Yokes, are for welding to required length of Door Control Rod.

No. 5771 will be shipped complete with Door Rollers unless otherwise ordered.

When it is intended to use No. 5771 for Single Panel (not Folding) Doors, no rollers are necessary.

No. 5771—Side Door Controls, Plain Fitted.....per set, \$12.00

Bus Hardware
Side Door Controls.
Overhead Type
For Inward Folding Doors.



No. 5773.

- 5x1 $\frac{7}{8}$ inch Handle Bracket Bearing.
- 5x1 $\frac{7}{8}$ inch Upper Lever Bracket Bearing.
- 4 $\frac{1}{2}$ inch side of Body to c. of Square Shaft.
- 6 inch c. to c. of Upper Lever.
- 4 $\frac{1}{2}$ x1 $\frac{1}{4}$ inch Control Rod Door Plate.
- $\frac{1}{2}$ inch proj. face of Door to c. of Yoke Bolt.
- $\frac{5}{8}$ inch Square Shaft.
- 36 inch length Square Shaft.
- 1 inch diameter Door Rollers.

Rod Stub Ends threaded $\frac{5}{8}$ -11 U. S. S., furnished with Yokes, are for welding to required length of Door Control Rod.

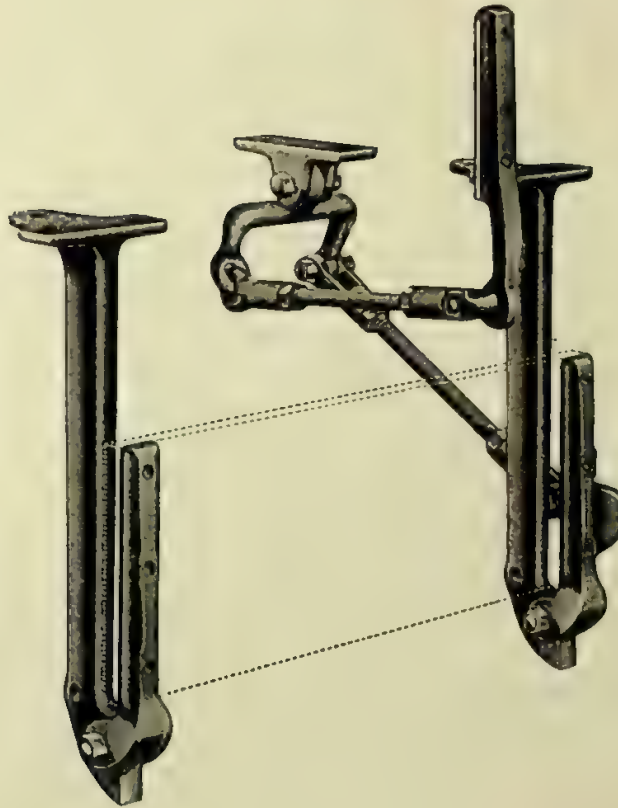
No. 5773 will be shipped complete with Door Rollers unless otherwise ordered.

No. 5773—Side Door Controls, Plain Fitted.....per set, \$12.00

Bus Hardware

Step Control.

For Side Steps.

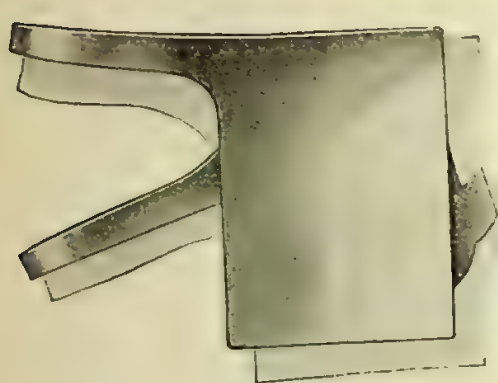


No. 5742.

- 14 inch drop to top of Step Pad.
- 8 inch width of Step Pad.
- 1 $\frac{1}{8}$ inch max. thickness Step Pad.
- 3 $\frac{3}{4}$ x 4 inch T Bearings.
- 1 $\frac{1}{2}$ x 5 $\frac{1}{2}$ inch Bearing Plate, Forked Lever Bracket.
- 1 $\frac{5}{8}$ x 5 $\frac{1}{2}$ inch Bearing Plate, Door Bracket.
- 8 $\frac{7}{8}$ inch c. of Eye to end of Door Bracket.
- $\frac{5}{8}$ inch Rods.

No. 5742—Malleable Iron, Plain Fitted.....per set, \$13.00

Bus Window Equipment



No. 137.
Right Hand.



No. 1070.



No. 116-2.



No. 1040.

No. 137—Sash Lock, Bronze composition.....each, **\$1.80**
1 1/8 inch wide at base, 3/8 inch deep. 1-19/32 inch high at face.

No. 116-2—Sash Lock Rack, Solid Bronze.....per inch, **\$0.10**

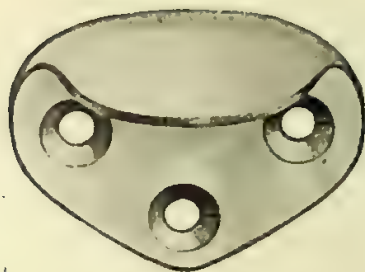
All orders for Sash Locks should specify the raise of sash—i. e., the distance from the sash sill to the bottom of the lower sash rail when the window is fully opened. By means of this dimension the required length of Sash Lock Rack is determined.

No. 1070—Anti-Rattler, Tempered Steel.....per dozen, **\$2.60**
4 inches long, 7/16 inch wide.

No. 1040—Anti-Rattler, Bronze composition.....each, **\$1.20**

Insert box face plate 2 1/8 inch over all, length of Cam 1 inch, depth of mortise 3/8 inch.

Bus Window Equipment

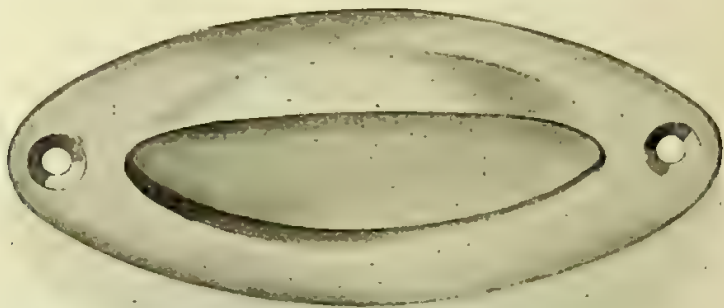


No. 101-C.

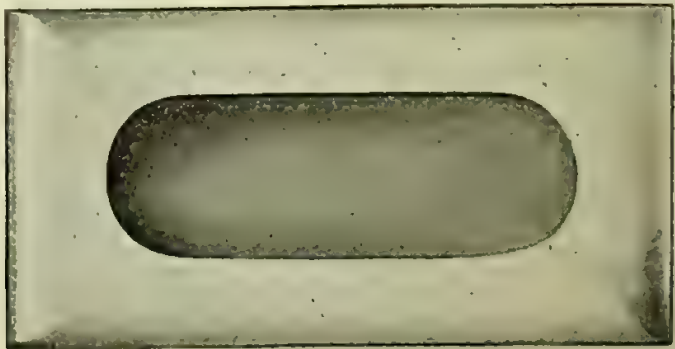


No. 117-D.

No. 101-C—Sash Lift	per each, \$1.10
No. 117-D—Sash Lift	per each, .55



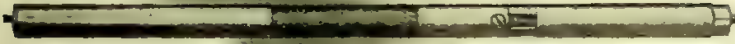
No. 101-A—Sash Lift	per each, \$1.90
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No. 101-B—Sash Lift	per each, \$1.60
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Illustrations exact size.

Bus Window Equipment



No. 112—National Curtain Roller, all metal.....each, \$
1 inch and 1 1/4 inch diameters.

National Curtain Rollers No. 112 cannot be furnished in lengths shorter than 24 inches.



No. 151—National Curtain Fixture.....each, \$

Suitable to Open Grooves not less than 3/8 inch wide. Any depth groove from 3/8 to 5/8 inch. Furnished to specifications only.

Price quoted on application.

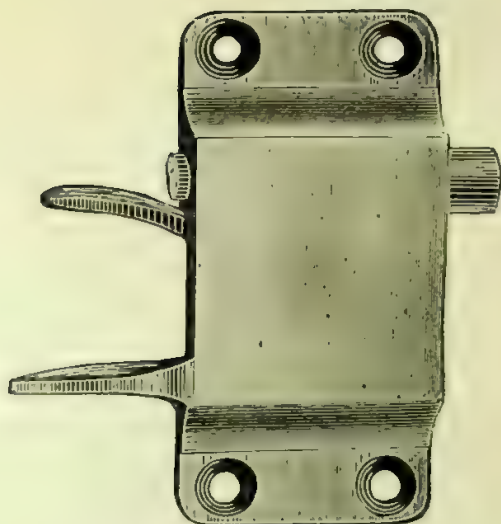
Curtain apron rods 3/16 inch diameter of proper length are shipped with each curtain fixture.



Side Window Curtain equipped with Roller and National Curtain Fixture No. 151.

Prices on above furnished on application.

Bus Hardware

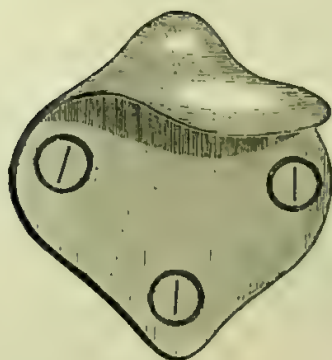


No. 1050.
Sash Lock.

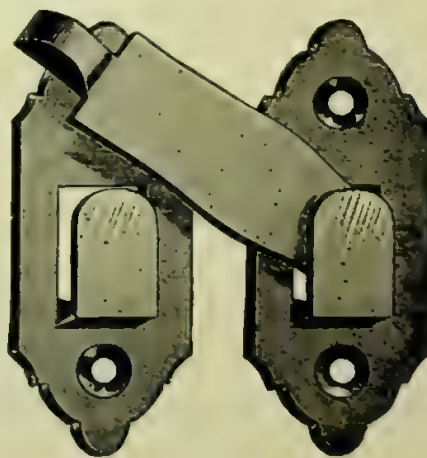


No. 2.
Sash Lock Stop.

No. 1050—Sash Lock, Bronze.....	each, \$1.50
No. 2—Sash Lock Stop, Bronze.....	each, .20



No. 19.
Sash Lift.



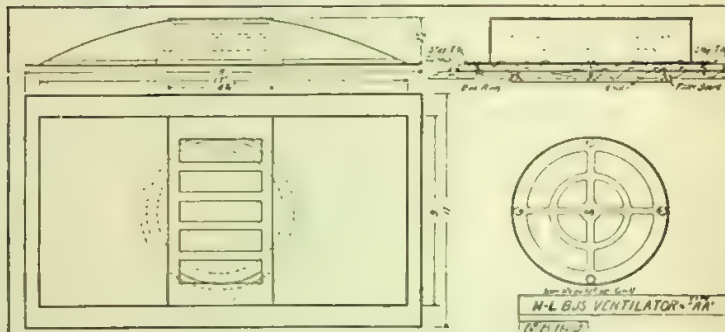
No. 50.
Sash Bars.

No. 19—Sash Lift, Bronze.....	each, \$0.60
No. 50—Sash Bar, Bronze.....	each, 1.10

Motor Bus and Closed Car Ventilation



Regulative Grill.



Type "AA" Bus Ventilator is made of galvanized sheet steel and aluminum. Weight $3\frac{3}{4}$ pounds. Length over all 18 inches, width over all 11 inches.

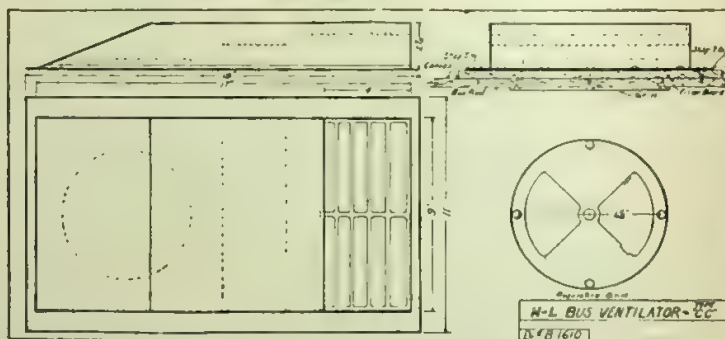
Type "AA" Bus Ventilator.....each, **\$12.00**

Type "BB" Closed Car Ventilator is made entirely of cast Aluminum. Weight $1\frac{3}{4}$ pounds. Adaptable to closed cars, taxicabs and small buses. Length over all $9\frac{1}{2}$ inches, width over all 6 inches.

Type "BB" Closed Car Ventilator.....each, **\$12.00**



Non-regulative Grill.



Type "CC" Bus Ventilator is made of galvanized sheet steel and aluminum. Weight $3\frac{1}{2}$ pounds. Length over all 18 inches, width over all 11 inches.

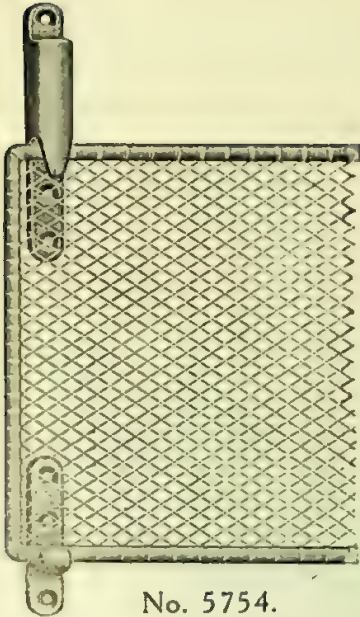
Type "CC" Bus Ventilator.....each, **\$12.00**

Type "DD" Closed Car Ventilator is made of galvanized sheet steel and aluminum. Weight $1\frac{3}{4}$ pounds. Length over all $10\frac{1}{2}$ inches, width over all 7 inches. The "DD" ventilator is a smaller type, practically a duplicate of the Type "CC" in construction.

Type "DD" Closed Car Ventilator.....each, **\$12.00**

Regulative or Non-Regulative polished aluminum grills furnished as specified.

Screen Holders



No. 5754.

$5\frac{1}{8} \times \frac{3}{4}$ inch Upper Plate.

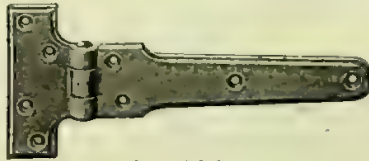
$3\frac{1}{8} \times \frac{3}{4}$ inch Lower Plate.

Japannedper dozen, \$9.00

For $\frac{1}{16}$ or $\frac{3}{8}$ inch Screen Frame.

A complete Screen Holder consists of 1 piece Top Spring Clamp and 1 piece Bottom Hook.

Bus Door Hinges



No. 5804.

$8\frac{1}{8}$ inch c. of Hinge Pin to end of Door Strap.

$1\frac{1}{8}$ inch min. width Door Strap.

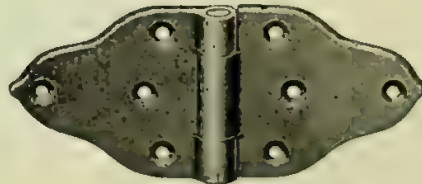
$1\frac{1}{4} \times 4\frac{3}{8}$ inch Post plate.

$1\frac{1}{2}$ inch c. of Hinge Pin to c. of Post Plate.

2 inch width at Hinge Pin

Per dozen\$9.60

Folding Door Hinges



No. 9485

3 inch width.

7 inch length over all.

$\frac{5}{32}$ inch thickness of Plates.

$\frac{5}{16}$ inch Pin.

8 holes.

Per dozen\$6.50

Bus Hardware

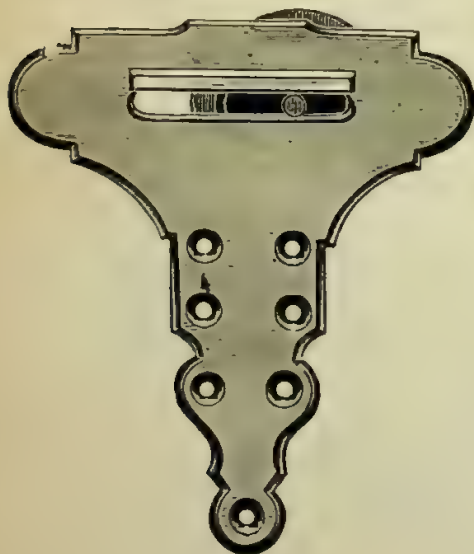


No. 5752.

- No. 5752—Bus Seat Handle, Plain.....each, \$0.60
 No. 5752—Bus Seat Handle, Japanned.....each, .70
 No. 5752—Bus Seat Handle, Nickel Electro.....each, 1.50

2¼ inch length top Strap. 5⁷/₁₆ inch length diagonal Strap. 5³/₈ inch length Side Strap. 1³/₈ inch width of Straps. 13/32 inch Dowels.

Holes Countersunk for No. 10 Screws.



No. 16.



No. 20.

- No. 16—Door Sheave, Cast Brass.....each, \$8.00
 Illustration one half size.

- No. 20—Door Roller Guide, Cast Brass.....each, \$1.20
 Illustration full size.

Bus Seats

Light

Durable

Sanitary



No. 3415.

Height from Floor to Top of Cushion $18\frac{1}{2}$ inches.

Width of Cushion 34 inches. Depth of Cushion 15 inches.

Height of Back from Floor 32 inches. Depth of Back 15 inches.

Weight 36 pounds.

No. 3415—Bus Seat, Rattan Covering.....each, \$50.00

No. 3415—Bus Seat, Moleskin Covering.....each, 53.00

Bus Seats

Driver.



No. D-1917.

No. D-1917—Driver's Seat, Rattan Covering.....	each, \$53.00
No. D-1917—Driver's Seat, Moleskin Covering	each, 56.00
No. D-1917—Driver's Seat, Leather Covering.....	each, 60.00

Pedestal adjustable for height and for distance from Steering wheel.
Pedestal also carries an auxiliary spring.



No. 5762-A.

Seat Irons

Malleable.

- 10¾ inch height to center of Seat.
- 15 inch depth of Seat.
- 10¾ inch length of Floor Plate.
- 24 inch height of Back from Floor.

Plain Fitted	per seat, \$7.50
Aisle End only.....	each, 4.50
Wall End only.....	each, 3.00

Seats made in rights and lefts.
Left hand seat shown.



No. R-2026.

Hand-woven Reed Chair of luxurious proportions, suitable to the DeLuxe Coach or Railway Coach.

Fitted with Revolving Pedestal or as Leg chair to stand free or Ironed to Floor.

Width of Seat 20 inches, Depth of Back 26 inches.

No. R-2026—With Revolving Pedestal,		
Muleskin Covered Cushion.....	each,	\$70.00
Leather Covered Cushions.....	each,	72.00
No. R-2026—Leg Chair to stand free or Angle-Ironed to Floor,		
Muleskin Covered Cushion.....	each,	\$56.00
Leather Covered Cushion.....	each,	65.00

Can also be furnished with Upholstered Back.

Price on application.



No. R-2033.

Hand-woven Reed Chair, DeLuxe type, with Head Rest.

Fitted with Revolving Pedestal or as Leg Chair to stand free or Ironed to Floor.

Width of Seat 20 inches, Depth of Back 33 inches.

No. 2033—With Revolving Pedestal,

Muleskin Covered Cushion.....each, \$86.00

Leather Covered Cushion.....each, 95.00

No. 2033—Leg Chair to stand free or Angle-Ironed to Floor,

Muleskin Covered Cushion.....each, \$73.00

Leather Covered Cushion.....each, 80.00

Can also be furnished with upholstered Back.

Price on application.

Bus Seats

Long Side or End Seats.



These are regularly furnished on Frame 16½ inches wide.

Depth of Cushion 18 inches, height at Front 5 inches, height at rear 4 inches.

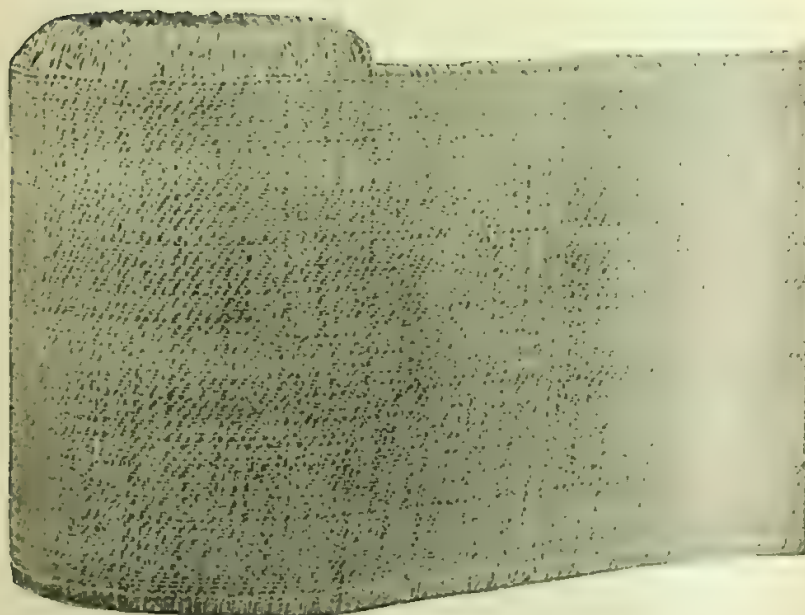
	Per foot or Fraction thereof
Longitudinal Cushions, Rattan Covered.....	\$ 8.00
Longitudinal Cushions, Moleskin Covering.....	9.50
Longitudinal Cushions, Leather Covering.....	11.50

For Pleated Cushions add \$1.50 per foot to the above prices.

Other sizes quoted on application.

Woven Rattan Car Seating

"The Kind that Wears."



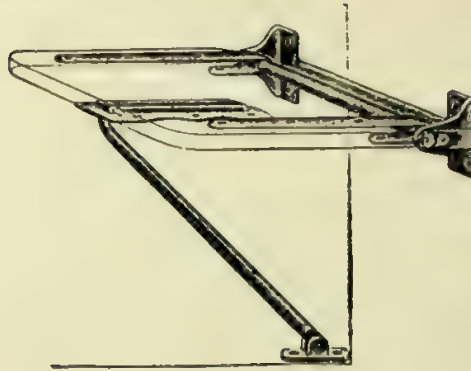
Supplied in convenient widths, suitable to Cushion or Back Rest Covering.

Furnished Duck Lined or Unlined.

Woven Rattan, Duck Lined.....	per square foot, \$0.90
Woven Rattan, Unlined.....	per square foot, .80

In rolls of 150 feet in length.

Taxicab Auxiliary Seat Irons



These seats automatically fold up out of the way when not in use. The tension on concealed spring is easily adjusted.

No. 220—Malleable Iron, Black Enameled.....per set, \$10.00

A set consists of the parts for two complete seats.

Taxicab Signal and Side Lamps



Signal Light.



Side Lamp.

Taxicab Signal Light.....each, \$3.50

Universal Type. Black Japan Finish.

Heavy Celluloid Slide as shown or with Company name or Slogan.

Taxicab Side Lamps.....per pair, \$15.00

Black Japan Finish. Plain Glass.

Auxiliary Seat Irons

Malleable Iron.



- 14 $\frac{3}{4}$ inch height Chair Back.
- 13 $\frac{3}{8}$ inch width Chair Back.
- 2 $\frac{1}{4}$ inch height to Knuckle.
- 6 inch length Chair Foot.
- 11 $\frac{7}{8}$ inch height Riser.
- 12 inch Seat Bearing of Riser.
- 2 $\frac{1}{2}$ x16 $\frac{3}{4}$ inch Floor Plate.
- 1 $\frac{1}{8}$ inch outside width Pocket.
- 86° Angle Seat Riser.

No. 5392—Plain Malleable.....per set, **\$17.00**

A Set consists of Irons for Two Seats.



- 12 $\frac{1}{4}$ inch height Chair Back.
- 12 $\frac{1}{2}$ inch width Chair Back.
- 1 inch Seat Knuckle.
- 6 $\frac{3}{4}$ inch length Chair Back Foot.
- 10 $\frac{3}{4}$ inch height Riser.
- 4 $\frac{1}{4}$ x8 $\frac{1}{2}$ inch Oval Seat Plate.
- 4x7 $\frac{5}{8}$ inch Floor Plate.
- 90° Angle Seat Riser.

No. 5398—Plain Malleable.....per set, **\$15.50**

A set consists of irons for two seats.

Hearse Hardware

Table Pins.



No. 521.



No. 441.

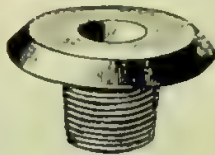


No. 493

Nickel Plated.

No. 493—Height from Base $3\frac{3}{4}$ inches, Diameter of Base $1\frac{1}{2}$ inches	each, \$1.50
No. 521—Height from Base $2\frac{1}{8}$ inches, Diameter of Base $1\frac{3}{4}$ inches	each, 1.50
No. 441—Height from Base $3\frac{1}{2}$ inches, Diameter of Base $1\frac{1}{8}$ inches	each, 1.25

Table Pin Sockets.



No. 10.

No. 10—Table Pin Socket.....	each, \$0.60
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Diamond Table Rollers.



No. 394.



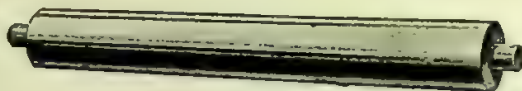
No. 858.

Nickel Plated.

No. 394—Diamond Table Roller, $2\frac{3}{4}$ inches Long, $1\frac{1}{2}$ inches Wide	each, \$0.70
No. 858—Oblong Table Roller, $2\frac{1}{4}$ inches Long, $1\frac{1}{4}$ inches Wide	each, .90

Hearse Hardware

Table Rollers.



Nickel Plated.

No. 14—End Roller, 1x7 inch.....	each, \$2.50
No. 15—Table Roller, 2x18 inch.....	each, 7.00
No. 16—Table Roller, 1¾x18 inch.....	each, 8.00

End Roller Bearings.



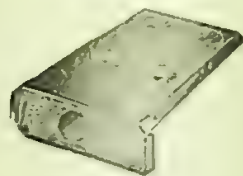
No. 110.

Table Roller Bearings.



No. 90.

End Roller Bearings.



No. 100.

Nickel Plated.

No. 90—Table Roller Bearing.....	per pair, \$0.80
No. 100—End Roller Bearing.....	per pair, 1.50
No. 110—End Roller Bearing.....	per pair, 2.00

Hearse Door Springs.



No. 746.

Black Japanned or Brass to Paint.

No. 746—Hearse Door Spring, 13½ inches Long When Closed..	each, \$3.00
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Hearse Table Ornaments



No. 46.



No. 50.



No. 45.

No. 46—Silver Plated, 8 inches high.....	per pair, \$21.00
No. 45—Silver Plated, 9¼ inches high.....	per pair, 21.00
No. 50—Silver Plated, 8 inches high.....	per pair, 20.00
No. 50—Silver Plated, 13 inches high.....	per pair, 20.00



No. 837.

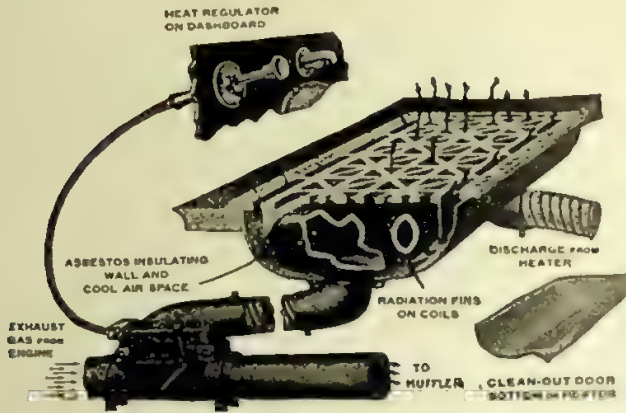


No. 978.

No. 837—Spray, Nickel Plated, 10 in. high, 13 in. wide.....	per pair, \$26.00
No. 978—Mound Urn, Nickel Plated, 12 in. high, 13 in. wide.....	per pair, 28.00

Bovey Exhaust Heaters

One Model Fits All Cars.



A Real Heater and the Price Is Right.

For a Heater so obviously superior to any other, one would naturally expect, and be willing to pay, considerably more money. But it's not necessary. In spite of its many features of superiority, the BOVEY HEATER actually sells for no more than any other heater of its kind, and the scientific simplicity and proven excellence of this perfected heater is fully appreciated by all autoists and automotive engineers.

Heat May Be Regulated to Any Degree.

The Heat Regulator prevents any danger of the car becoming overheated. A slight push of the nickeled knob brings the heat down to a uniformly comfortable temperature. And if, by chance, it should become too cold, there is always a wealth of heat in reserve so that with a slight pull on this knob the temperature once more rises to the comfort mark.

Easily Installed—No Upkeep.

The BOVEY HEATER can be easily installed in a few hours without injuring a car in any way. The same Heater fits all cars. After being installed in one car, it can be easily removed and installed in another. It will outlast the life of the average car.

There is absolutely no upkeep expense. The exhaust that would otherwise be wasted furnishes the heat. The first cost is the last cost.

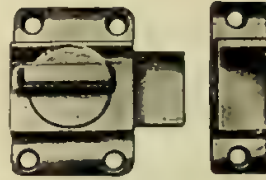
Priceeach, \$35.00

Sash or Windshield Locks

For Motor Bus or Commercial Cab.



No. 600.



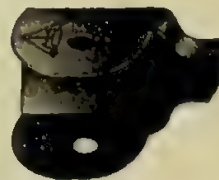
No. 110.

No. 110—Nickel Plated	each,	\$ 1.20
No. 600—Black Japanned, Steel	per dozen,	1.40
No. 600—Bronze, Steel,	per dozen,	1.50
No. 600—Brass, Polished,	per dozen,	6.40
No. 600—Brass, Nickel Plated	per dozen,	6.60

Windshield Glass Clips



No. 317.



No. 0-25.

No. 317—Nickel Brass	per pair,	\$.60
No. 317—Japanned Steel	per pair,	.30

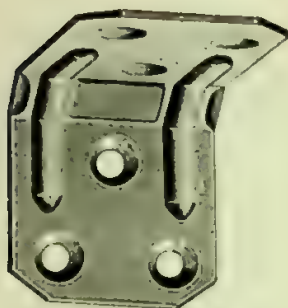
Stock sizes $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and $\frac{7}{8}$ inches.

In ordering please state Thickness of Frame

No. 0-25—Black Japanned, Steel,	per dozen,	\$ 4.00
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This clip has a $\frac{3}{4}$ inch opening for the Sash and $\frac{5}{16}$ inch for the glass.

Wrought Steel Corner Braces
Mending Plates



No. 997 1/2 Corrugated Corner.

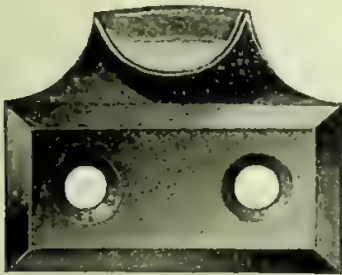


No. 995 Mending.

Size Length of Each Side Inches	Width Inches	No. 997 1/2 Plain Steel Per Dozen
1	1	\$1.10
1 5/8	1 1/2	1.30
2 1/4	1 3/4	1.75

Size, Length Inches	Width Inches	No. 995 Plain Steel Per Dozen
2	5/8	\$0.70
2 1/2	5/8 .....	.80
3	3/4 .....	.90
3 1/2	3/4	1.00
4	7/8	1.10
5	1	1.30
8	1 1/2	2.00

Wrought Steel Beveled Sash Lifts



No. 486.

No. 486—A—Bronzed, planished	per gross, \$7.50
No. 486—F— Dull Brass	per gross, 7.50
No. 486—H—Dead Black electro-plate.....	per gross, 8.25
No. 486—N—Nickel Plated	per gross, 9.00

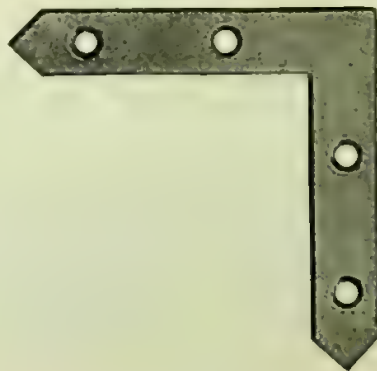
Complete with screws.

Wrought Steel Corner Braces

No. 999. PLAIN STEEL



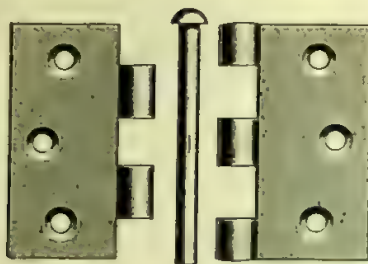
Length of Sides Inches	$\frac{3}{8}$ -inch Wide Per Dozen	$\frac{1}{2}$ -inch Wide Per Dozen	$\frac{5}{8}$ -inch Wide Per Dozen	$\frac{3}{4}$ -inch Wide Per Dozen	$\frac{7}{8}$ -inch Wide Per Dozen	1-inch Wide Per Dozen	1 $\frac{1}{2}$ -inch Wide Per Dozen	Gauge of Metal
2	\$0.34							.095
2 $\frac{1}{2}$	.36	\$0.40						.095
3	.38	.45	\$0.65					.109
3 $\frac{1}{2}$	.40	.50	.70	\$0.80				.109
4			.75	.85	\$0.90			.109
5					1.05	\$1.10		.120
6					1.15	\$1.25		.120
8							\$2.25	.134



No. 997 Plain Steel

Length of Sides Inches	Width Inches	Per Dozen
1	$\frac{1}{2}$	\$0.50
1 $\frac{1}{2}$	$\frac{1}{2}$	.55
2	$\frac{5}{8}$	.75
2 $\frac{1}{2}$	$\frac{5}{8}$	.90
3	$\frac{3}{4}$	1.10
3 $\frac{1}{2}$	$\frac{3}{4}$	1.45
4	$\frac{7}{8}$	1.90
5	1	2.70
6	1 $\frac{1}{8}$	3.30
8	1 $\frac{1}{8}$	5.40

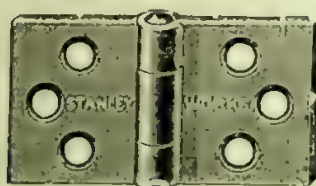
Wrought Steel Reversible Butts



No. 804.
Bright Steel

Size Open	Per Dozen Pairs	Size Open	Per Dozen Pairs
2 x2	\$2.45	3 1/2 x3 1/2	\$5.75
2 1/2 x2	3.85	4 x3 1/2	7.25
2 1/2 x2 1/2	4.00	4 x4	7.45
2 1/2 x3	4.15	4 1/2 x4	9.70
3 x2 1/2	4.25	4 1/2 x4 1/2	10.15
3 x3	4.30	5 x5	13.60
3 1/2 x3	5.45	6 x6	22.85

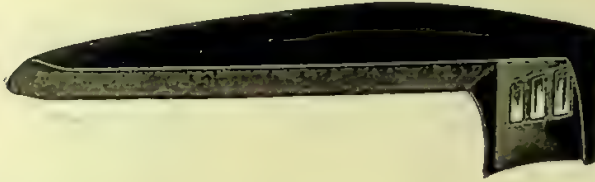
Wrought Steel Square Back Flaps



No. 816.
Bright Steel.

Length of Joint, Inches	Width Open, Inches	Per Dozen Pairs
1	2	\$1.15
1 1/4	2 5/16	1.35
1 1/2	2 3/4	1.60
1 3/4	3 3/8	2.20
2	3 11/16	2.75
2 1/4	4 1/8	3.85
2 1/2	4 5/8	5.80
2 3/4	5 1/4	7.60
3	5 1/2	8.35

Top Covering Outfits Suitable for Ford Cars



Our Standard Roof Outfit is made of a 32-oz. high grade waterproof rubber cloth and is guaranteed in every way, both for quality and workmanship. Our Roofs and Back Curtains are reinforced and made with the greatest care. A sample order will convince you of the superiority of our products. Top consists of top and quarters sewed together, also back curtain with three regulation sized celluloid lights. Packed in a neat fiber box with welt and tacks for installing.

Will fit 1915 to 1922 Models.

	Each
No. 100—Roadster, 32-oz. Rubber, 3 Celluloid Lights,	\$6.30
No. 105—Touring, 32-oz. Rubber, 3 Celluloid Lights,	9.25

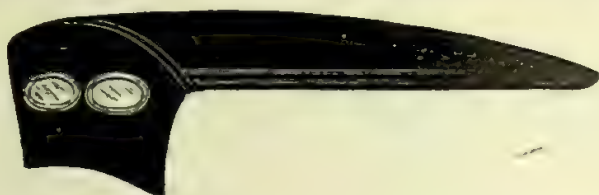
1923 Top Covering Suitable for Ford Cars



Our new 1923 Roof Outfit is also made of high grade 32-oz. Rubber, guaranteed to be the highest grade of this material used and is guaranteed to fit perfectly. It is made with two oblong celluloid lights like the latest model Ford with a Gypsy back curtain. Suitable for all Ford Touring cars of 1923 model. Outfit consists of Roof and quarters sewed together, also Back Curtain with welt and tacks for installing. Packed in a neat fiber box.

	Each
No. 110—Roadster, 32-oz. Rubber, 2 Celluloid Lights,	\$ 8.00
No. 115—Touring, 32-oz. Rubber, 2 Celluloid Lights,	11.00

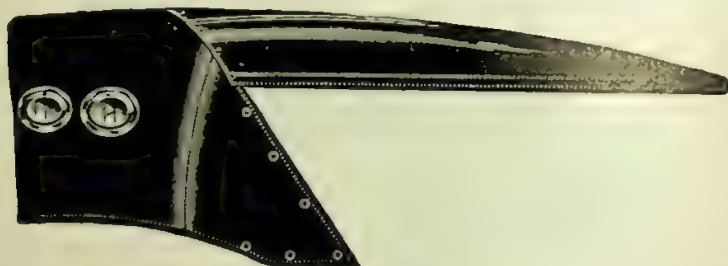
Twin-Light Top Covering Suitable for Ford Cars



This stylish top covering for Ford cars, both Touring and Roadster, is made from heavy 32-oz. top fabric. It is properly tailored and will fit perfectly over the old frame. The back curtain is made with two beautiful 5x7 glass lights which gives the car a very snappy appearance. The frames are nickel plated with 2—5x7 glass lights. The outfit consists of roof and back with binding and necessary tacks to install top.

	Each
No. 120—Roadster, 1915 to 1922, 32-oz. Rubber 2—5x7 Glass Lights,	\$ 7.00
No. 125—Touring, 1915 to 1922, 32-oz. Rubber 2—5x7 Glass Lights,	10.00
No. 130—Roadster, 32-oz. Rubber, 1—6x12 Oval Glass Light,	7.00
No. 135—Touring, 32-oz. Rubber, 1—6x12 Oval Glass Light,	10.00

Our Royal Top Covering



Our Royal covering outfit is the latest thing in tops for Ford Cars. This beautiful top is made of the best 32-oz. rubberized top fabric obtainable with an up-to-the-minute Gypsy Back Curtain. The Back Curtain is fitted with two beautiful Glass Lights with nickel frames and glass, each light is about 5x7 inches. This top will change the entire appearance of a car.

	Each
No. 140—Roadster, 1915 to 1922, 2—5x 7 Lights.....	\$8.00
No. 145—Touring, 1915 to 1922, 2—5x 7 Lights.....	11.75
No. 150—Roadster, 1915 to 1922, 1—6x12 Light	6.50
No. 155—Touring, 1915 to 1922, 1—6x12 Light	11.30

De Luxe Ford Recovering With 1 7x14 Glass Light



Our De Luxe Top Cover is the last word in Ford Recoverings. It is made from 32-oz. Ford Rubber or 36-oz. Long Grain Top Material and is guaranteed to fit perfectly. The back curtain is fitted with a 7x14 oblong frame and glass, making a very handsome top. This is well reinforced and the workmanship is of the highest grade. Top consists of top and quarters sewed together, with a back curtain 7x14 light and nickel frame, also welt and tacks for installing. Packed in neat fiber case. Suitable for cars from 1915 to 1922.

Each

No. 160—Roadster, 32-oz. Rubber, 1—7x14 Light,	\$ 8.00
No. 165—Touring, 32-oz. Rubber, 1—7x14 Light,	11.30
No. 170—Roadster, 36-oz. Long Grain Top Material, 1—7x14 Light,	8.60
No. 175—Touring, 36-oz. Long Grain Top Material, 1—7x14 Light,	12.30

Ford Recover With 1 7x14 Glass Light Gypsy Back Curtain



SPECIAL TOP COVER is the latest style top cover and is made with a gypsy back curtain with a handsome 7x14 glass light with nickel frame. There is a great demand for this top cover among the jobbers, as it is a ready seller. It represents the highest grade, both in quality and workmanship. Suitable for cars from 1915 to 1922. We make this top in two grades of material.

Each

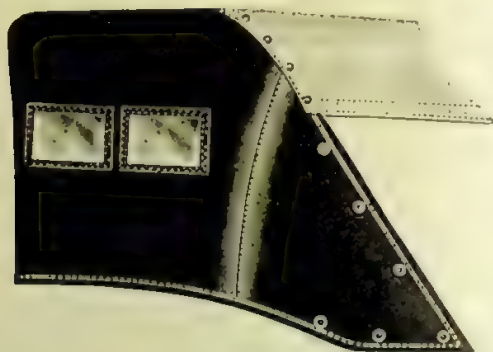
No. 180—Roadster, 32-oz. Rubber, 1—7x14 Light,	\$ 9.70
No. 185—Touring, 32-oz Rubber, 1—7x14 Light,	12.80
No. 190—Roadster, 36-oz. Long Grain Top Material, 1—7x14 Light,	10.30
No. 195—Touring, 36-oz. Long Grain Top Material, 1—7x14 Light,	13.80

Standard Rear Back Curtain for Fords



- No. 200—Roadster, 32-oz. Rubber, 3 Celluloid Lights,each, \$2.80
No. 205—Touring, 32-oz. Rubber, 3 Celluloid Lights,each, 2.80

New 1923 Gypsy Curtain



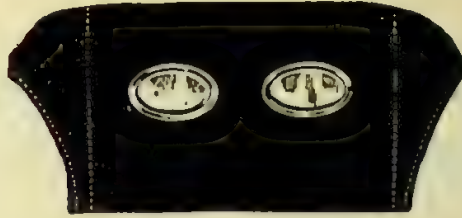
- No. 230—Roadster, 32-oz. Rubber, 2 Celluloid Lights,each, \$4.50
No. 235—Touring, 32-oz. Rubber, 2 Celluloid Lights,each, 4.50

Stylish Ford Back Curtain



- No. 220—Roadster, 32-oz. Rubber, 1—6x12 Oval Glass Light, each, \$3.40
No. 225—Touring, 32-oz. Rubber, 1—6x12 Oval Glass Light, each, 3.40

"Protecto" Ford Back Curtain



- No. 210—Roadster, 32-oz. Rubber, 2—5x7 Oval Glass Lights, each, **\$3.25**
 No. 215—Touring, 32-oz. Rubber, 2—5x7 Oval Glass Lights, each **3.25**

Superfine Gypsy Curtain



- No. 240—Roadster, 32-oz. Rubber, 2—5x7 Glass Lights,each, **\$5.20**
 No. 245—Touring, 32-oz. Rubber, 2—5x7 Glass Lights,each, **5.20**
 No. 250—Roadster, 32-oz. Rubber, 1—6x12 Glass Light.....each, **5.30**
 No. 255—Touring, 32-oz. Rubber, 1—6x12 Glass Light.....each, **5.30**

Ford Curtain, 1-7x14 Glass Light



- No. 260—Roadster, 32-oz. Ford Rubber, 1—7x14 Lighteach, **\$6.30**
 No. 265—Touring, 32-oz. Ford Rubber, 1—7x14 Lighteach, **6.30**

Top Covers for All 5-Passenger Cars



The high grade tops shown on this page are the best tops possible to make. They are made in two weights of high grade top material, in single and double texture. We also use a high grade oblong light in those tops; the light is 6x18 inches and the frame is nickel plated. Top and quarters are sewed together and reinforced, also welt and tacks necessary for installing are furnished. Packed in a heavy fiber box.

No. 360—Artificial leather top material, 36-oz., single texture,\$22.50

No. 365—Artificial leather top material, heavy double texture, 26.75

For 7-passenger cars add 3.50

Top Covers with Gypsy Curtains for All 5-Passenger Cars



This is the latest word in Tops for Standard 5-passenger cars. It is made with a Gypsy wing curtain and like the above top is manufactured from the highest grade of top material obtainable. The light in the back curtain is 6x18 inches, nickel plated frame. The top and quarters are securely sewed and the back curtain as well as top is strongly reinforced.

No. 370—Heavy 36-oz. Single Texture Top Material\$23.50

No. 375—Heavy Double Texture Top Material 31.00

For all 7-passenger cars add400

Top Recovers for All 5-Passenger Cars

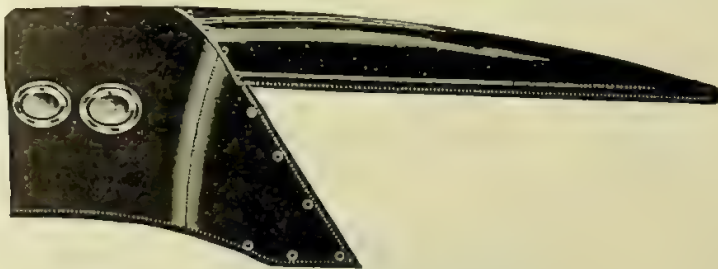


No better equipment for Standard Touring Cars can be found. The highest quality materials and finishes are used to make the car look like a new car.

The workmanship and fit are guaranteed to conform with the high-class grade of material used in all our tops. Coverings consist of Roof and Back Curtain with the necessary binding and tacks for installing. When ordering, be sure to give name, year and model of car, also our catalogue number. Nickel frames and bevel glass are furnished.

No. 270—Black Back Rubber with 2—9"x 9" Celluloid Lights	\$16.50
No. 275—Black Back Rubber with 1—6"x12" Glass Lights	18.00
No. 280—Black Back Rubber with 2—6"x12" Glass Lights	19.75
No. 285—Double Texture Mohair, 2—9"x 9" Celluloid Lights	20.00
No. 290—Double Texture Mohair, 1—6"x12" Glass Light	21.75
No. 295—Double Texture Mohair, 2—6"x12" Glass Lights	23.50
No. 300—Artificial Leather, 36-oz., 2—9"x 9" Celluloid Lights	18.00
No. 305—Artificial Leather, 36-oz., 1—6"x12" Glass Light	19.50
No. 310—Artificial Leather, 36-oz., 2—6"x12" Glass Lights	21.25

Top Covers for All 5-Passenger Cars with Gypsy Curtain



This top cover is similar to the above number with the additional feature of the Gypsy curtain. It is made from the same high grade top material and manufactured in the same careful manner. The outfit consists of the roof and side quarters sewed together and back curtain with Gypsy wings. Curtain can be had with a variety of lights in the back curtain, and has the necessary binding and tacks for installing. Packed in a neat fiber box.

No. 315—Black Back Rubber with 2—9"x 9" Celluloid Lights	\$19.75
No. 320—Black Back Rubber with 1—6"x12" Glass Light	20.50
No. 325—Black Back Rubber with 2—6"x12" Glass Lights	22.00
No. 330—Double Texture Mohair, 2—9"x 9" Celluloid Lights	23.00
No. 335—Double Texture Mohair, 1—6"x12" Glass Light	25.00
No. 340—Double Texture Mohair, 2—6"x12" Glass Lights	26.50
No. 345—Artificial Leather, 36-oz., 2—9"x 9" Celluloid Lights	20.50
No. 350—Artificial Leather, 36-oz., 1—6"x12" Glass Light	22.00
No. 355—Artificial Leather, 36-oz., 2—6"x12" Glass Lights	23.75

Carpets for All Ford Cars



Roadster, Touring, Coupe and Sedan. These Carpets are made of exceptionally good quality carpet and they will wear well and have a very good appearance. They are mottled gray in color and will wear indefinitely. These are made of the same size and style as the carpets that originally come with Ford cars and are reinforced with heavy artificial leather where the wear is the most severe. Prices are very reasonable.

No. 960—Roadster or Touring, Front	each, \$3.25
No. 965—Touring, Rear	each, 2.90
No. 970—Coupe	each, 3.60
No. 975—Sedan	each, 6.50

Top Pad Linings



Our Top Pad Linings are made to be used in conjunction with the old pad in the car. It is made from bow drill with a padding of burlap. When the old pad has become thin and flat they can be renewed by placing this pad lining inside. Made in pairs.

Standard Cars.

No. 1012—Ford Roadster	No. 1014—Roadster, per pair, \$1.60
No. 1013—Ford Touring	No. 1015—Touring ....per pair, 2.30

Ford Upholstering for Front and Rear Seat



To replace worn-out back upholstery in Ford cars. Made from imitation leather, heavily padded, with a row of buttons in center to keep padding in place. Complete back and arm rests with tacks and binding for attaching to car seat.

No. 865—Front Seateach, \$7.25
No. 867—Rear Seateach, 8.00

“Protection” Door Pockets for Ford Cars



These pockets are a great convenience for carrying all small articles. Also handy to carry tools such as pliers, screw driver and other small tools. They are made of heavy material with a large roomy pocket; there should be a pocket on every door. Covers are neatly bound and pocket has a button on flap to keep it closed. Tacks are furnished for installing. Made of heavy rubber fabric.

No. 885—Right Front Dooreach, \$0.80
No. 890—Right Rear Dooreach, .80
No. 895—Left Rear Dooreach, .80
No. 900—Left Front Paneleach, .80

“Easy-Back” Wedge Cushion for All Cars



This cushion is a great support to the driver's back and relieves the strain from driving and affords easy access to the pedals. Can also be reversed and used in a reclining position. Made of black fabric leather, wedge shaped, and stuffed with fine resilient stuffing, neatly tufted. Size 16"x16". Choice of white or black beading.

No. 950—.....each, \$1.70

Protection Tire Covers

Will Fit Tires Upon Wheels or Demountable Rims Regardless of How They are Carried.



Black Tread.

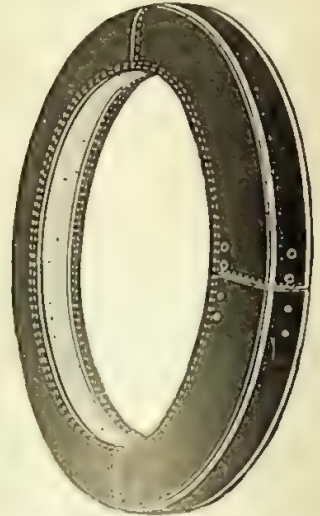
This style cover is the most popular Tire Cover upon the market, because it fits perfectly on any spare tire. It makes no difference how it is carried. It covers the tread and side walls only; easy to attach and easy to take off. Water will not stay in the cover, as two small grommets are placed in tread of cover so the water will drain out. Cover is held in place by glove fasteners.

Tire Covers for Cord Tires

Cord Tires are in every instance larger in size than the same advertised size of a plain fabric tire; they are always at least one complete size larger than a fabric tire. For that reason it is absolutely necessary, when ordering tire covers for Cord Tires, to specify the name of the tire, size and the fact that the cover is to fit a Cord Tire.

Our Prices are Based on Covers for Fabric Tires

When ordering Covers for Cord Tires allow for the price of one size larger than the Fabric size. For example, if a 30x3½ Cord is wanted, the price would be the same as on a 31x4 Fabric.



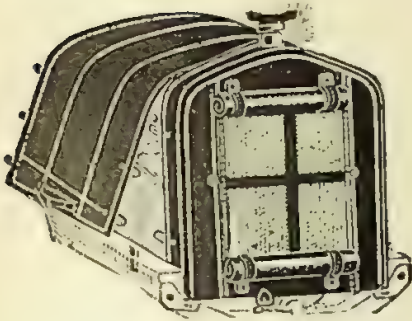
Double White Bead.

Always Be Sure to Order by Number and Size.

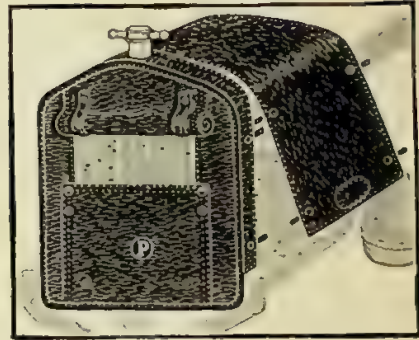
No. 740—	Enamel Drill, ALL BLACK		
No. 750—	Enamel Drill, DOUBLE WHITE BEADS		
No. 755—	Enamel Duck, ALL BLACK		
No. 765—	Enamel Duck, DOUBLE WHITE BEADS		
No. 770—	Patent Drill, ALL BLACK		
No. 780—	Patent Drill, DOUBLE WHITE BEADS		
No. 739—	Special Ford, 30x3½ Tire Cover	each,	\$2.00
No. 740—	30x3 to 32x3½ Tire Cover	each,	2.30
	31x4 to 34x4 Tire Cover	each,	2.50
	32x4½ to 36x4½ Tire Cover	each,	2.70
	33x5 to 36x5 Tire Cover	each,	2.80
No. 750—	30x3½ to 32x3½ Tire Cover	each,	2.70
	31x4 to 34x4 Tire Cover	each,	2.90
	32x4½ to 36x4½ Tire Cover	each,	3.10
	33x5 to 36x5 Tire Cover	each,	3.30
No. 755—	30x3 to 32x3½ Tire Cover	each,	2.80
	31x4 to 34x4 Tire Cover	each,	3.00
	32x4½ to 36x4½ Tire Cover	each,	3.25
	33x5 to 36x5 Tire Cover	each,	3.50
No. 765—	30x3 to 32x3½ Tire Cover	each,	3.25
	31x4 to 34x4 Tire Cover	each,	3.50
	32x4½ to 36x4½ Tire Cover	each,	3.70
	33x5 to 36x5 Tire Cover	each,	3.90
No. 770—	30x3 to 32x3½ Tire Cover	each,	3.00
	31x4 to 34x4 Tire Cover	each,	3.10
	32x4½ to 36x4½ Tire Cover	each,	3.30
	33x5 to 36x5 Tire Cover	each,	3.60
No. 780—	30x3 to 32x3½ Tire Cover	each,	3.30
	31x4 to 34x4 Tire Cover	each,	3.60
	32x4½ to 36x4½ Tire Cover	each,	3.80
	33x5 to 36x5 Tire Cover	each,	4.00

Radiator Covers

DRILL



RUBBER
TOP MATERIAL



For Ford Cars.

No. 785—Enamel Drill, Kersey Lined	each, \$1.80
No. 795—Enamel Drill, Felt Lined	each, 2.40
No. 805—Rubber Top Fabric, Kersey Lined	each, 2.30
No. 815—Rubber Top Fabric, Felt Lined	each, 2.80

For Standard Cars

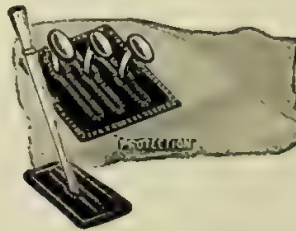
The following are the list of cars for which we are in a position to furnish Radiator Covers from stock:—

Dodge, Chevrolet, Maxwell, Overland 4, Star, Gray, Durant 4, Nash 4, Buick 4, Studebaker Light 6.

No. 825—Enamel Drill, Kersey Lined,	each, \$2.10
No. 835—Enamel Drill, Felt Lined	each, 2.70
No. 845—Rubber Top Fabric, Kersey Lined,	each, 2.80
No. 855—Rubber Top Material, Felt Lined,	each, 3.40

All Radiator Covers made with two-piece curtain to roll up and down.

Anti-Draft Pedal Mats for Fords

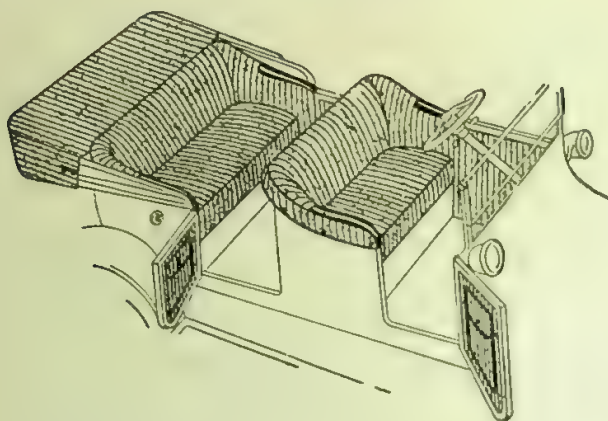


Fits under the rubber mat and in no way interferes with the operation of the car. Set consists of two pieces made of heavy rubberized fabric lined with double thickness of kersey firmly stitched.

No. 910—	each, \$0.50
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Seat Covers and Top Boots

Ready to Attach



Be Sure and State Clearly Catalogue Number and Material Wanted.

These Seat Covers are made from beautiful upholstering materials which gives the car a very rich appearance. Of a high grade standard quality and will give very satisfactory wear. Nothing but the very best workmanship and every seat cover is guaranteed to fit perfectly. They are bound with an attractive imitation leather binding and patent leather arm rests. Buttons and tacks sufficient to install furnished with each set. In ordering be sure to state the year and model of car.

We have selected the patterns of Seat Cover material carefully. They are attractive in pattern and high grade in quality.

- No. 500—Ford Touring, per set
- No. 505—Ford Roadster, per set
- No. 510—Ford Sedan, per set.....
- No. 515—Ford Coupe, per set
- No. 520—Ford New 4-Door Sedan, per set
- No. 521—Ford Kick Pad, each
- No. 522—Ford Top Boot, Touring
- No. 523—Ford Top Boot, Roadster

Standard seat Covers for 1920-21-22-23 Models

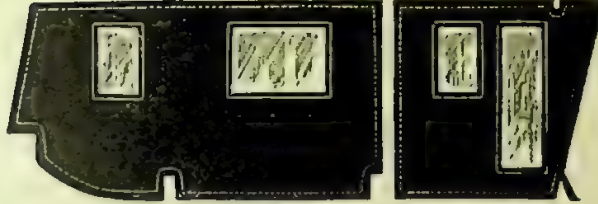
- No. 525—Chevrolet 490 2-passenger Roadster
- No. 530—Chevrolet 490 5-passenger Touring.....
- No. 535—Chevrolet 490 Coupe
- No. 540—Chevrolet 490 Sedan
- No. 545—Dodge 2-passenger Roadster
- No. 550—Dodge 5-passenger Touring Car
- No. 555—Dodge Coupe
- No. 560—Dodge Sedan
- No. 565—Maxwell 2-passenger Roadster
- No. 570—Maxwell 5-passenger Touring
- No. 575—Maxwell Coupe
- No. 580—Maxwell Sedan
- No. 585—Overland 2-passenger Roadster
- No. 590—Overland 5-passenger Touring
- No. 595—Overland Coupe
- No. 600—Overland Sedan

Samples
and
Prices
on
Request

Guaranteed Side Curtains

For Ford Roadster or Touring.

Wise Buyers' Bargains.



Fits All Ford Cars from 1915 to 1921.

The material used in our side curtains is the standard weight rubber cloth. They will fit perfectly and can be furnished for any model of Ford car. Very clear celluloid window lights. Eyelets and turn knobs are furnished for installing.

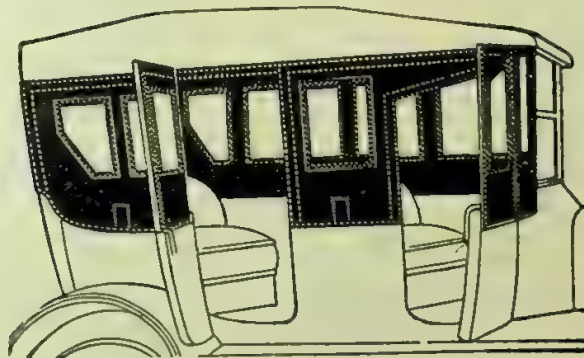
Be sure to state the year and model of car.

No. 480—Rubber Cloth, Roadster.....per set, \$6.50

No. 485—Rubber Cloth, Touring.....per set, 9.40

Door Opening Side Curtains Suitable for Ford Cars

We Make All of Our Fabric Items to Fit

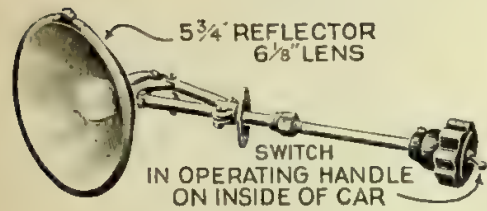


There has never been any equipment made for a Ford car that will give the convenience and comfort that a set of Door Opening Side Curtains will give the occupants of a car equipped with this style of curtain. They are made from very heavy rubber material to match top and are made on rods with attachments to fasten to the doors. No tools necessary but a screwdriver to install these curtains. They are made to fit perfectly and can be removed quickly when not wanted.

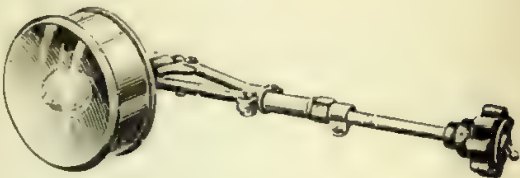
No. 490—Rubber Cloth, Roadster.....per set, \$10.20

No. 495—Rubber Cloth, Touring.....per set, 16.00

Capco Inner-Control Spot Light



No. 16. Pathfinder.



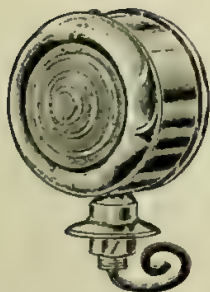
No. 24. Radiant Drum.

No. 16—Pathfinder, Brass Nickel Plated Parts, Back of Reflector
Black Enameleach, \$20.00

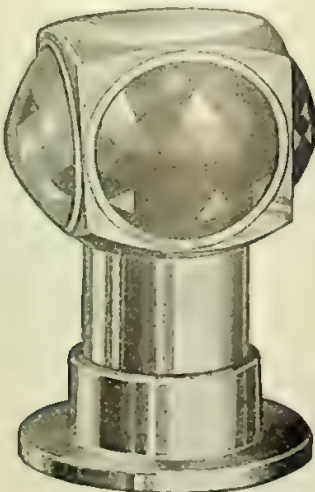
No. 24—Radiant Drum, Brass Nickel Plated Parts, Back of Reflector
Black Enameleach, 20.00

4 5/8 in. Reflector.

Parking Lamps



No. 06-B.



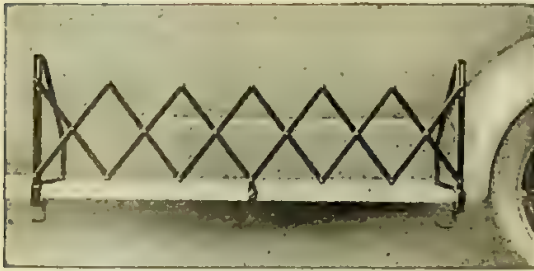
Arjo

No. 06-B—Drum Cowl Lamps, Black Japanned and Nickel Finish....
..... per pair, \$13.00
Arjo Parking Lamp, Nickel Plated.....per pair, 7.00

Three jewels—Red rear, Green side and White front. Made for Right
and Left Fender so that pairs may be furnished.

Luggage Carriers

Steel.



Ajax.



Handypack.

Ajax Luggage Carrier.....each, \$4.00

Strength and room to carry almost any load. Folds flat on Running Board. Compact enough to put under seat. Bracket and Thumb Screws are Drop Forged. When clashed need not be taken off the car. End Gates keep the load from slipping endways. Made from first quality steel, with high lustre Black Enamel finish.

Handypack Luggage Carrier.....each, \$2.00

Always on the car. Easy to open as needed or push down out of the way, almost out of sight when not in use. Locks into position when not in use. No holes to drill, no bolts or nuts to fasten. Made from heavy Slat Steel, 45 inches long. Baked Black Enamel finish. Closed dimensions, $\frac{3}{4} \times 1 \times 45$ in.

Body Protection Rails

Cast Aluminum



These Rails add greatly to the appearance of a car and guard against mars, scratches and similar defacings. Can be easily installed as they are equipped with special Toggle Bolts which eliminates the necessity of removing the upholstery. Curved to fit practically all standard makes of touring cars and Sedans.

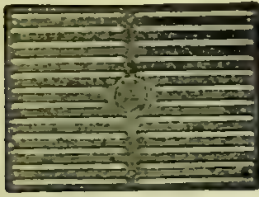
No. 28—Protection Rails, 20 inches long, $\frac{3}{4}$ inches wide, $\frac{1}{2}$ inch thick, 6 rails to the set.....per set, \$9.00

No. 28-B—Protection Rails, 19 inches long, $\frac{3}{8}$ inch wide, $\frac{3}{8}$ inch thick, 6 rails to set.....per set, 9.00

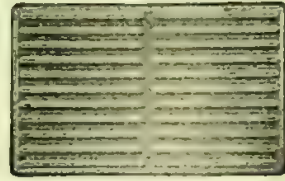
Stanwood Safety Step Plates



Stanwood Safety Step Plates are made with solid rubber ribs and metal bases. The bases are completely covered with rubber which has been vulcanized to them. This construction makes them more durable and economical to the user. They always look well and positively will not buckle between the fastenings to the running board.



Type C Plate.



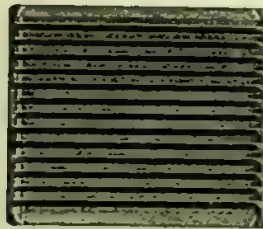
Ford Type Plate.

Type "C"—Size 8 in. wide, $11\frac{1}{2}$ in. long.....each, **\$2.50**

Affords a secure foothold under all conditions. Color, Gray.

Ford Type—Size $7\frac{1}{2}$ in. wide, $11\frac{1}{2}$ in. long.....each, **\$2.50**

Like type "C" except that it has 22 ribs. Base provided with lugs to support it on a level with embossing on the running board.



Type HB Plate.

Type "HB"—Size $9\frac{1}{4}$ in. wide, $11\frac{5}{8}$ in. long.....each, **\$4.00**

Type "HB"—Size 10 in. wide, $11\frac{5}{8}$ in. long.....each, **4.00**

Designed to cover the full width of the running board. Of similar construction to type "C" except that it has wider ribs and the outer ones are strongly reinforced.

Buick owners are particularly attracted by this plate, but it is also adaptable to other cars, such as Cadillac, Hupp, Marmon, Oakland, Packard, Peerless, Nash, Willys-Knight, etc.

A choice of four colors is offered—Black, Blue, Maroon and Gray.

Specify Color and Width Desired.

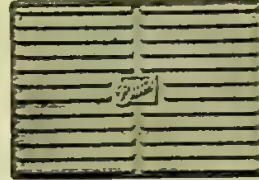
Stanwood Safety Step Plates



Stanwood Special Plates are produced in two types, known as "D" and "C". In a few instances both types can be obtained for some cars; however, in most cases they can be obtained only in one type or the other.



Type D Plate.



Type C Plate.

Type "D"—Size $11\frac{1}{2}$ in. long, 8 in. wideeach, \$3.60
Type "C"—Size $11\frac{1}{2}$ in. long, 8 in. wideeach, 2.50

Gray Rubber.

The illustrations shown are popular plates of each type. Various others may be obtained for cars listed below, each plate bearing the name or trade mark of the car for which it is intended.

NOTE—"Cadillac" Special Plate can also be furnished in Type "HB-A", $11\frac{5}{8}$ in. long, $9\frac{1}{4}$ in. wide and in Type "HB", $11\frac{5}{8}$ in. long and 10 in. wide in Gray Rubber.

Type "D"—Gray Rubber

Barley Six	Nash Six
Cadillac	Packard
Dodge	Paige
H. C. S.	Peerless
Hudson Super Six	Ranger
Jordan	Roamer
Kissel	Standard
Lincoln	Studebaker
Marmon	Stutz
Nash Four	Velie

Type "C"—Gray Rubber

Buick	Nash
Case	Oakland
Chevrolet	Overland Four
Dodge	Paige
Essex Motors	Reo
Haynes	Stanley
Hudson Super Six	Studebaker
Hupmobile	Velie
Jewett	Wills Ste. Claire
Jordan	Willys-Knight
Mitchell	Winton Six
Moon	

Stanwood Heel Plates



Stanwood Heel Plate.



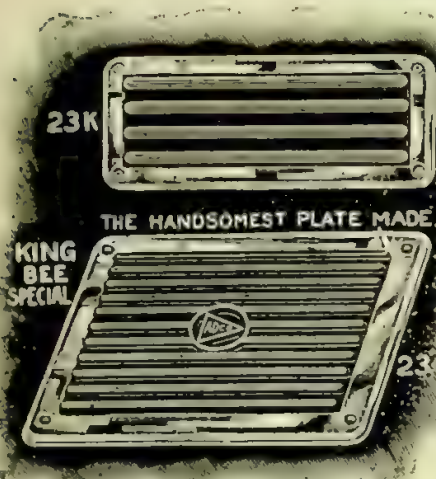
Stanwood Accelerator Pedal Plate.

Stanwood Heel Plate— $11\frac{1}{2} \times 4$ in.each, \$1.50
Stanwood Accelerator Plate— 4×4 in.each, .90

Stanwood Heel Plate furnishes a firm position for the heel when operating the pedals and also prevents wearing a hole in the floor covering. It is made like Type "C" Step Plate.

Step Plates

"Individually Distinctive."



No. 23 "King Bee Special".



No. 7 "Sport"

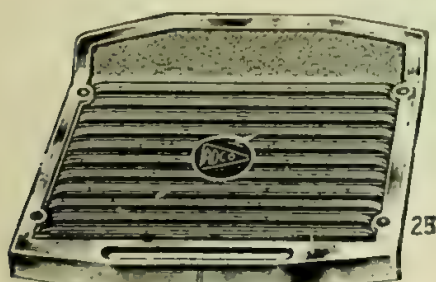
No. 7—Sport Individual Step per pair, \$22.00

For use in place of the running board. Heavy casting, highly polished, with "King Bee Special" Rubber insert tread and raised Non-Breakable Foot Scraper.

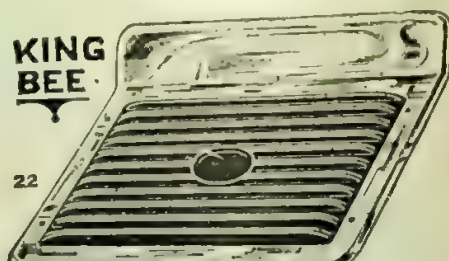
No. 23—King Bee Special Plate and Kick per pair, \$2.75

Pressed heavy aluminum sheet, rubber tread insert. Kick Plate construction same as Step Plate.

No. 23—Size, 9x11 in. No. 23-K—Size, 4½x11 in.



NON-BREAKABLE FOOT-SCRAPER PAT. PEND.



THE HANDSOMEST PLATE MADE

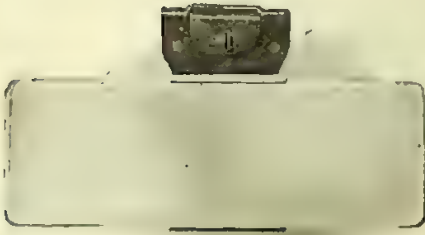
No. 22—"King Bee"per pair, \$6.50

Made of genuine Nickel Silver, highly polished. Will never tarnish or wear Brassy. Heavy rubber insert scraper pad. Size 10 in. x 11 in.

No. 25—"Regent"per pair, \$5.00

Polished Aluminum Frame, rubber insert tread. Non-Breakable foot scraper, size 11½x9½ in.

Pioneer De Luxe Auto Mirrors



Universal Bracket for Open or
Closed Cars.

No More of That Vision-Destroying Vibration.

THE PIONEER DE LUXE STAYS "PUT!"

Stock sizes, 2½ inches in width, 8 and 12 inches in length.

Pioneer Mirror, 8 inch length,each, \$2.50

Pioneer Mirror, 12 inch length,each, 3.00

The universal bracket fastens to any open car windshield by tightening one screw; or remove lip and screw to wood bow above windshield on closed cars.

Auto Truck Mirror



Mirror, 5 Inch Diameter.

No. 309—13 inch Bracket,each, \$2.50

No. 310—18 inch Bracket,each, 3.00

No. 311—24 inch Bracket,each, 3.50

Windshield Visors

Simplex.

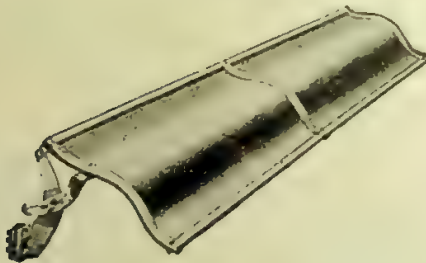


Simplex, Non-Glare Visor,each, **\$24.00**

Green, Blue or Amber Glass. Brackets Brass Castings, Seamless Tubing
Frame. Made to fit all standard open or closed cars.

When ordering, specify year, make and model of car. Visors are made
in three lengths, each length having a three inch adjustment.

Premier



Premier Weather Shield and Glare Visor

Green, Blue or Amber Pyralin. Reinforced Aluminum frame. Quad-
rant Angle attaching bracket adjustable to any angle.

No. 2125—Standard Premier,each, **\$12.00**

Recommended for cars having windshields not exceeding 42 inches wide.

No. 2231—Premier Mogul,each, **\$12.00**

Recommended for cars with extra wide windshields up to 46 inches.

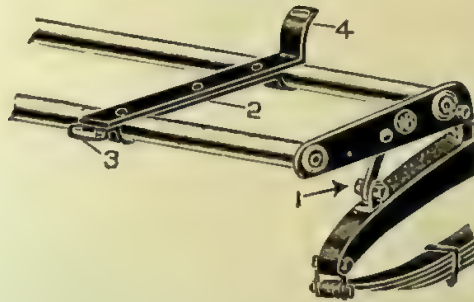
Ventilating Hooks



No. 567-A—Brass, Nickel Platedeach, **\$2.00**
Holds door open $3\frac{1}{2}$ inches.

Trunk Carrier

Fit All.

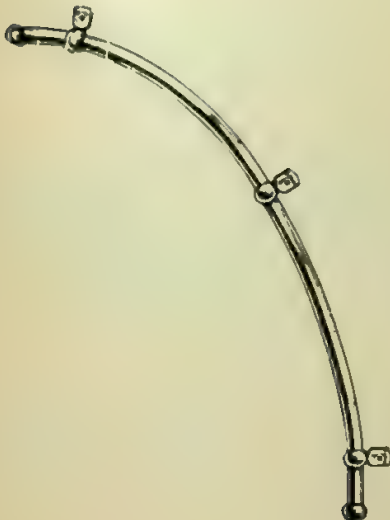


No. 18—Nickel Plated Bars, balance Black Enameled finish,each, **\$29.00**

Readily attached to any car. Just drill four holes, two on each side of frame and bolt on regardless what curve frame has. Arm brace No. 1 will permit of necessary level adjustment. The No. 2 Trunk Rest is movable for any length or width of trunk. No. 3 and 4 are Strap loops.

Cab Rails

For Commercial Cars.



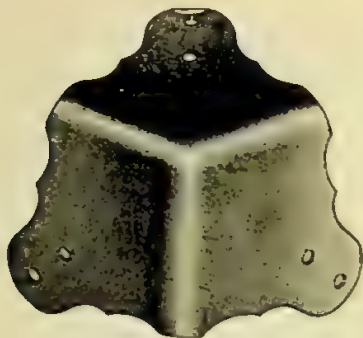
Polished Brass or Nickel Plated

Made of $\frac{3}{4}$ inch Brass
Seamless Tubing.

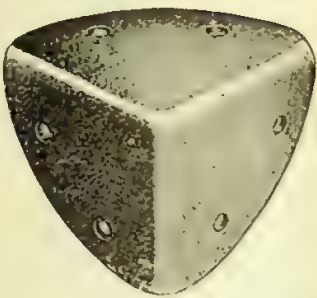
Made to Scale Draft or Blue Print.

Prices quoted on application.

Auto Trunk Hardware

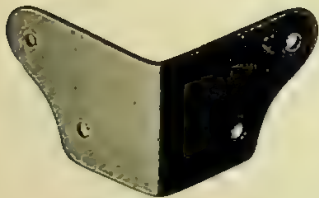


No. 37.

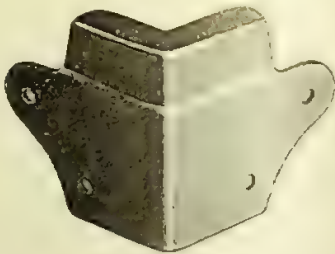


No. 416.

No. 37—Corner, Nickel Finishper dozen, \$1.10
No. 416—Corner, Nickel Finish,per dozen, 1.00

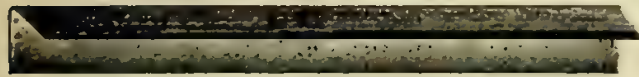


No. 88

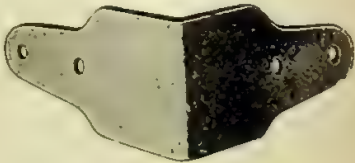


No. 89.

No. 88—Valance, Nickel Finishper dozen, \$0.60
No. 89—Shoulder, Nickel Finishper dozen, .90



No. 270.



No. 601.

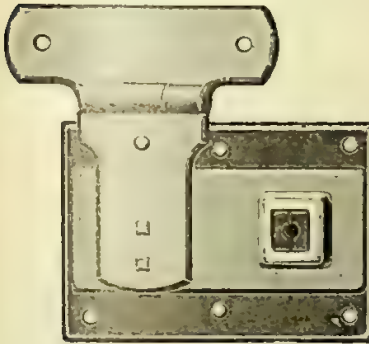
No. 601—Clamp, Nickel Finish,per dozen, \$0.65
No. 270—Moulding, Nickel Finishper foot, .10

No. 270 Moulding, 1/2x1/2 inch, 6 ft. lengths.

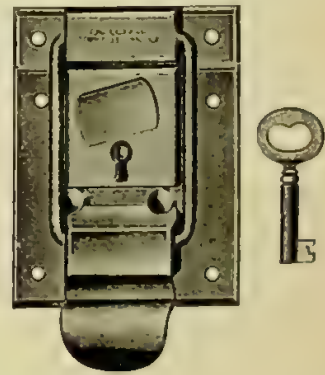
Auto Trunk Hardware



No. 90—Leather Corners. Per set of 8 pieces, \$0.75

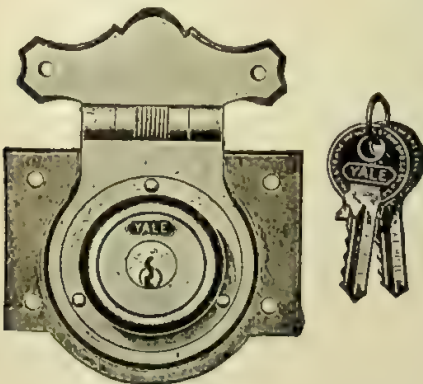


No. 51 1/2.



No. 86.

No. 51 1/2—Trunk Lockeach, \$2.30
No. 86 —Trunk Lockeach, .85



No. 613.



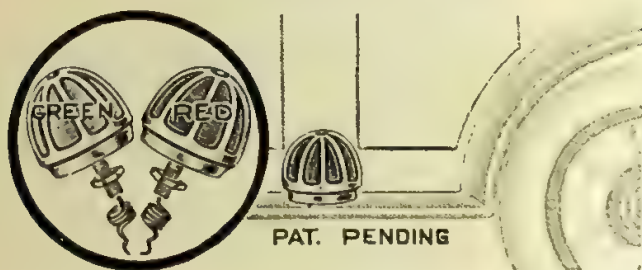
No. 805.

No. 613—Cast Brass, Self Lockingeach, \$5.00
No. 805—Wrought Brass,each, 1.60

Illustrations One-Half Size.

Courtesy Lights

The Sign of an Up-to-Date Car.
For Running Board or Skirt.



A most attractive essential accessory due to the neatness of design and the simplicity of attachment.

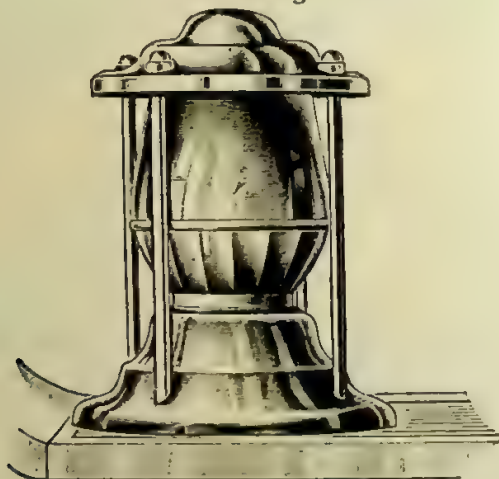
A protecting shell of heavy cast aluminum, highly polished, encircles the globes of solid Ruby and Green glass.

Especially adaptable to individual step Sport Model cars, for attachment to the Skirt.

Courtesy Light,per pair, **\$6.00**

Marine Lanterns

For the Running Board.



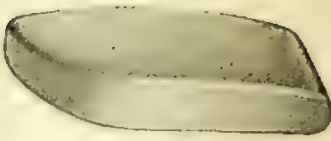
Cap and Base of these Lanterns heavy cast aluminum, highly polished with four guard rails of brass, nickel plated. Attached by two bolts through running board.

Extreme diameter 5½ inches, height 7 inches over all.

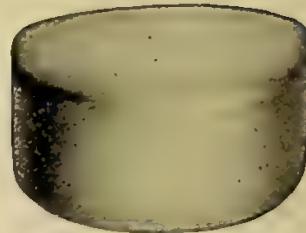
Solid Ruby or Green glass globes.

Marine Lanterns,per pair, **\$10.00**

Metal Workers' Dolly Blocks



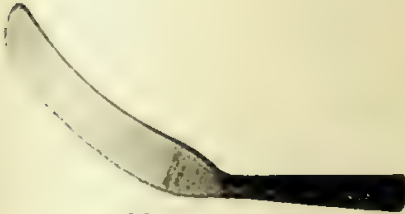
No. 1010.



No. 1020.

- No. 1010—Length $4\frac{3}{4}$ inches, width, $2\frac{3}{8}$ inches, Thickness 1 inch, weight $2\frac{3}{4}$ pounds, each, \$2.50
- No. 1020—Length $2\frac{3}{8}$ inches, width $3\frac{1}{4}$ inches, Thickness $1\frac{1}{2}$ inches, weight $2\frac{1}{4}$ pounds,each, \$2.50

Bodyworkers' Spoons



No. 1040.

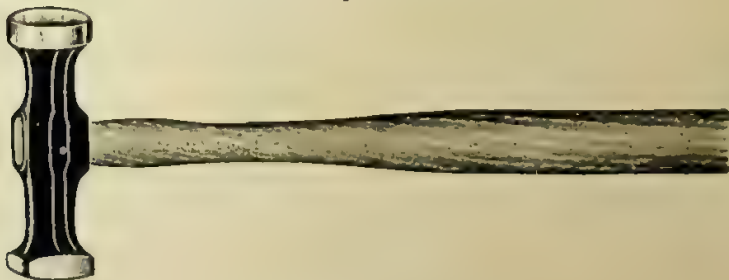


No. 1050.

- No. 1040—Wide Spoon, Length overall $10\frac{1}{2}$ inches, 2 inches wide, Spoon $5\frac{1}{2}$ inches long,each, \$2.50
- No. 1050—Narrow Spoon, Length overall $12\frac{1}{2}$ inches, width at heel $1\frac{1}{4}$ inches, at point $\frac{7}{8}$ inch, length of spoon 5 inches, each, \$1.70

Bumping Hammers

Auto Body and Fenders.



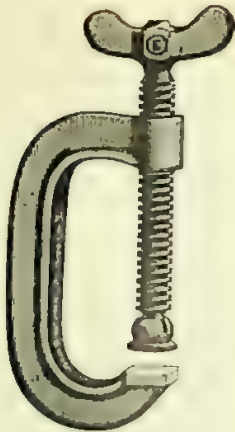
- No. 224—Bumping Hammereach, \$2.50

Length of Head 4 inches.
One Face $1\frac{1}{4}$ inch Diameter
Other Face $1\frac{1}{4}$ inch Square

Screw Clamps



No. 7615.



No. 7620.

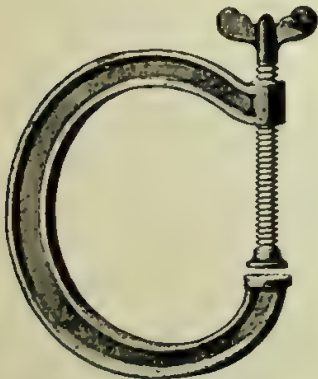
No. 7615—Ball End Screw,

B	C	D	E	
3	4	5	6	in. opening
1½	2	2⅛	2½	in. clearance
9.00	11.00	14.00	18.00	per dozen

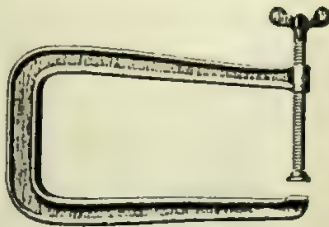
No. 7620—Heavy Pattern,

C	D	E	
4	5	6	in. opening
1¾	2¼	2⅝	in. clearance
\$20.00	35.00	40.00	per dozen

No. 7620-C size has Ball End Button, D and E sizes have riveted button.



No. 7618.



No. 7613.

No. 7613—6 inch opening, 15 in. clearance,per dozen, \$70.00

No. 7618—Riveted Button,

B	C	D	E	
3	4	5	5¾	in. opening
3	3¾	4¾	7¼	in. clearance
\$12.50	18.00	26.00	44.00	per dozen

Straight Shank Twist Drills



No. 108—Straight Shank, Short Set, Carbon Steel.

No. 417—Straight Shank, Short Set, High Speed Steel.

Diameter Inches	Decimal Equivalent	Price Per Dozen Carbon Steel	High Speed Steel	Length Over All Inches	Length Twist Inches
1-32	.0312	\$ 1.50		1½	5-8
3-64	.0469	1.55		1¾	7-8
1-16	.0625	1.60	\$ 5.70	2½	1 1-4
5-64	.0781	1.65	5.70	2⅝	1 3-8
3-32	.0937	1.70	5.70	2¾	1 1-2
7-64	.1094	1.75	5.90	2⅞	1 5-8
1-8	.1250	1.80	5.90	3	1 3-4
9-64	.1406	1.85	6.10	3⅛	1 7-8
5-32	.1562	1.90	6.10	3¼	2
11-64	.1719	2.00	6.30	3⅜	2 1-8
3-16	.1875	2.25	6.30	3½	2 1-4
13-64	.2031	2.50	7.00	3⅝	2 3-8
7-32	.2187	2.75	7.00	3¾	2 1-2
15-64	.2344	3.00	7.35	3⅞	2 5-8
1-4	.2500	3.25	7.35	4	2 3-4
17-64	.2656	3.50	9.10	4⅛	2 7-8
9-32	.2812	3.80	9.10	4¼	2 31-32
19-64	.2969	4.00	10.50	4⅜	3 3-32
5-16	.3125	4.35	10.50	4½	3 3-16
21-64	.3281	4.70	12.00	4⅝	3 5-16
11-32	.3437	5.05	12.00	4¾	3 13-32
23-64	.3594	5.50	13.50	4⅞	3 17-32
3-8	.3750	6.00	13.50	5	3 5-8
25-64	.3906	6.50	15.00	5⅛	3 3-4
13-32	.4062	7.00	15.00	5¼	3 27-32
27-64	.4219	7.75	17.00	5⅜	3 31-32
7-16	.4375	8.50	17.00	5½	4 1-16
29-64	.4531	9.25	18.75	5⅝	4 3-16
15-32	.4687	10.00	18.75	5¾	4 9-32
31-64	.4844	11.00	20.00	5⅞	4 13-32
1-2	.5000	12.00	20.00	6	4 1-2

Straight Shank Drills — Wire Gauge



No. 108A—Carbon Steel.					No. 418—High Speed Steel.				
Wire Gauge No.	Dec. Diam-eter Inches	Length Over All, Inches	(Per Dozen) Carbon Steel	High Speed	Wire Gauge No.	Dec. Diam-eter Inches	Length Over All, Inches	(Per Dozen) Carbon Steel	High Speed
1	.2280	4	\$2.75	\$7.00	41	.0960	2 ⁵ / ₁₆	\$1.70	\$5.70
2	.2210	3 ¹⁵ / ₁₆	2.75	7.00	42	.0935	2 ⁵ / ₁₆	1.70	5.70
3	.2130	3 ¹ / ₁₆	2.75	7.00	43	.0890	2 ¹ / ₄	1.70	5.70
4	.2090	3 ⁷ / ₈	2.75	7.00	44	.0860	2 ³ / ₁₆	1.70	5.70
5	.2055	3 ¹³ / ₁₆	2.75	7.00	45	.0820	2 ³ / ₁₆	1.70	5.70
6	.2040	3 ¹¹ / ₁₆	2.50	7.00	46	.0810	2 ¹ / ₈	1.65	5.70
7	.2010	3 ³ / ₄	2.50	7.00	47	.0785	2 ¹ / ₁₆	1.65	5.70
8	.1990	3 ¹¹ / ₁₆	2.50	7.00	48	.0760	2 ¹ / ₁₆	1.65	5.70
9	.1960	3 ¹ / ₁₆	2.50	7.00	49	.0730	2	1.65	5.70
10	.1935	3 ⁵ / ₈	2.50	7.00	50	.0700	1 ⁵ / ₁₆	1.65	5.70
11	.1910	3 ⁹ / ₁₆	2.25	6.30	51	.0670	1 ⁵ / ₁₆	1.60	5.70
12	.1890	3 ⁹ / ₁₆	2.25	6.30	52	.0635	1 ⁷ / ₈	1.60	5.70
13	.1850	3 ¹ / ₂	2.25	6.30	53	.0595	1 ¹³ / ₁₆	1.60	5.70
14	.1820	3 ⁷ / ₈	2.25	6.30	54	.0550	1 ¹³ / ₁₆	1.60	5.70
15	.1800	3 ⁷ / ₈	2.25	6.30	55	.0520	1 ³ / ₄	1.60	5.70
16	.1770	3 ³ / ₈	2.00	6.30	56	.0465	1 ¹¹ / ₁₆	1.55	5.70
17	.1730	3 ⁵ / ₁₆	2.00	6.30	57	.0430	1 ¹¹ / ₁₆	1.55	5.70
18	.1695	3 ⁵ / ₁₆	2.00	6.30	58	.0420	1 ² / ₈	1.55	5.70
19	.1660	3 ¹ / ₄	2.00	6.30	59	.0410	1 ⁹ / ₁₆	1.55	5.70
20	.1610	3 ³ / ₁₆	2.00	6.30	60	.0400	1 ⁹ / ₁₆	1.55	5.70
21	.1590	3 ³ / ₁₆	1.90	6.10	61	.0390	1 ¹ / ₂	1.50	.....
22	.1570	3 ¹ / ₈	1.90	6.10	62	.0380	1 ¹ / ₂	1.50	.....
23	.1540	3 ¹ / ₁₆	1.90	6.10	63	.0370	1 ¹ / ₂	1.50	.....
24	.1520	3 ¹ / ₁₆	1.90	6.10	64	.0360	1 ¹ / ₂	1.50	.....
25	.1495	3	1.90	6.10	65	.0350	1 ¹ / ₂	1.50	.....
26	.1470	2 ¹⁵ / ₁₆	1.80	6.10	66	.0330	1 ¹ / ₂	1.50	.....
27	.1440	2 ¹³ / ₁₆	1.80	6.10	67	.0320	1 ⁷ / ₈	1.50	.....
28	.1405	2 ⁷ / ₈	1.80	6.10	68	.0310	1 ⁷ / ₈	1.50	.....
29	.1360	2 ¹³ / ₁₆	1.80	6.10	69	.02925	1 ³ / ₈	1.50	.....
30	.1285	2 ¹³ / ₁₆	1.80	6.10	70	.0280	1 ⁵ / ₁₆	1.50	.....
31	.1200	2 ³ / ₄	1.75	5.90	71	.0260	1 ⁵ / ₁₆	1.50	.....
32	.1160	2 ¹¹ / ₁₆	1.75	5.90	72	.0250	1 ¹ / ₄	1.50	.....
33	.1130	2 ¹¹ / ₁₆	1.75	5.90	73	.0240	1 ³ / ₁₆	1.50	.....
34	.1110	2 ⁵ / ₈	1.75	5.90	74	.0225	1 ¹ / ₈	1.50	.....
35	.1100	2 ⁹ / ₁₆	1.75	5.90	75	.0210	1 ¹ / ₁₆	1.50	.....
36	.1065	2 ⁹ / ₁₆	1.75	5.90	76	.0200	1	1.50	.....
37	.1040	2 ¹ / ₂	1.75	5.90	77	.0180	1 ⁵ / ₈	1.50	.....
38	.1015	2 ⁷ / ₈	1.75	5.90	78	.0160	7/8	1.50	.....
39	.0995	2 ⁷ / ₈	1.75	5.90	79	.0145	1 ³ / ₈	1.50	.....
40	.0980	3 ³ / ₈	1.75	5.90	80	.0135	3/4	1.50	.....

Precision Screw Plates
Inserted Chaser Type.
One Stock Sets.
S. A. E. STANDARD.



Set No. 127.

$\frac{1}{4}$ " to $\frac{1}{2}$ "

5 Sizes: $\frac{1}{4}$ "—28, $\frac{5}{16}$ "—24, $\frac{3}{8}$ "—24, $\frac{7}{16}$ "—20, $\frac{1}{2}$ "—20; S. A. E. Std.

5 No. 1 Dies, $1\frac{7}{8}$ " O. D.

1 No. 1 Die Stock, 13" long.

1 No. 2 Tap Wrench, 10" long.

Price with taper or *plug taps\$18.50

Price with taper and plug taps 20.25

Price with taper, plug and bottom taps 22.00

Set No. 31.

$\frac{1}{4}$ " to $\frac{3}{4}$ "

7 Sizes: $\frac{1}{4}$ "—28, $\frac{5}{16}$ "—24, $\frac{3}{8}$ "—24, $\frac{7}{16}$ "—20, $\frac{1}{2}$ "—20, $\frac{5}{8}$ "—18, $\frac{3}{4}$ "—16"; S. A. E. Std.

7 No. 2 Dies, $2\frac{5}{8}$ " O. D.

1 No. 2 Die Stock, $20\frac{1}{2}$ " long.

1 No. 2 Tap Wrench, 10" long.

1 No. 3 Tap Wrench, 15" long.

Price with taper or *plug taps.....\$27.50

Price with taper and plug taps..... 31.65

Price with taper, plug and bottoming taps..... 35.75

Set No. 37.

$\frac{1}{4}$ " to 1"

10 Sizes: $\frac{1}{4}$ "—28, $\frac{5}{16}$ "—24, $\frac{3}{8}$ "—24, $\frac{7}{16}$ "—20, $\frac{1}{2}$ "—20, $\frac{9}{16}$ "—18, $\frac{5}{8}$ "—18, $\frac{3}{4}$ "—16, $\frac{7}{8}$ "—14, 1"—14; S. A. E. Std.

10 No. 3 Dies, $3\frac{1}{4}$ " O. D.

1 No. 3 Die Stock, 30" long.

1 No. 2 Tap Wrench, 10" long.

1 No. 4 Tap Wrench, 22" long.

Price with taper or *plug taps.....\$44.25

Price with taper and plug taps 49.40

Price with taper, plug and bottoming taps..... 54.50

*Plug taps regularly furnished unless otherwise specified.

Precision Screw Plates

Inserted Chaser Type

Combination Sets

Set No. 95

$\frac{1}{4}$ " to $\frac{1}{2}$ "

10 Sizes: $\frac{1}{4}$ "—20, $\frac{5}{16}$ "—18, $\frac{3}{8}$ "—16, $\frac{7}{16}$ "—14, $\frac{1}{2}$ "—13; U. S. Std.
and $\frac{1}{4}$ "—28, $\frac{5}{16}$ "—24, $\frac{3}{8}$ "—24, $\frac{7}{16}$ "—20, $\frac{1}{2}$ "—20; S. A. E. Std.

10 No. 1 Dies, $1\frac{7}{8}$ " O. D.

1 No. 1 Die Stock, 13" long.

1 No. 2 Tap Wrench, 10" long.

5 Taper taps, U. S. Std.

5 Plug taps, S. A. E. Std.

Price\$29.25

Set No. 96

$\frac{1}{4}$ " to $\frac{3}{4}$ "

16 Sizes: $\frac{1}{4}$ "—20, $\frac{5}{16}$ "—18, $\frac{3}{8}$ "—16, $\frac{7}{16}$ "—14, $\frac{1}{2}$ "—13, $\frac{9}{16}$ "—12,
 $\frac{5}{8}$ "—11, $\frac{3}{4}$ "—10; U. S. Std. and $\frac{1}{4}$ "—28, $\frac{5}{16}$ "—24, $\frac{3}{8}$ "—24, $\frac{7}{16}$ "—20,
 $\frac{1}{2}$ "—20, $\frac{9}{16}$ "—18, $\frac{5}{8}$ "—18, $\frac{3}{4}$ "—16; S. A. E. Std.

16 No. 2 Dies, $2\frac{5}{8}$ " O. D.

1 No. 2 Die Stock, $20\frac{1}{2}$ " long.

1 No. 2 Tap Wrench, 10" long.

1 No. 3 Tap Wrench, 15" long.

8 Taper Taps, U. S. Std.

8 Plug Taps, S. A. E. Std.

Price\$56.00

Set No. 97

$\frac{1}{4}$ " to 1"

20 Sizes: $\frac{1}{4}$ "—20, $\frac{5}{16}$ "—18, $\frac{3}{8}$ "—16, $\frac{7}{16}$ "—14, $\frac{1}{2}$ "—13, $\frac{9}{16}$ "—12,
 $\frac{5}{8}$ "—11, $\frac{3}{4}$ "—10, $\frac{7}{8}$ "—9, 1"—8; U. S. Std., and $\frac{1}{4}$ "—28, $\frac{5}{16}$ "—24,
 $\frac{3}{8}$ "—24, $\frac{7}{16}$ "—20, $\frac{1}{2}$ "—20, $\frac{9}{16}$ "—18, $\frac{5}{8}$ "—18, $\frac{3}{4}$ "—16, $\frac{7}{8}$ "—14, 1"—14;
S. A. E. Std.

10 No. 1 Dies, $1\frac{7}{8}$ " O. D.

10 No. 3 Dies, $3\frac{1}{4}$ " O. D.

1 No. 1 Die Stock, 13" long.

1 No. 3 Die Stock, 30" long.

1 No. 2 Tap Wrench, 10" long.

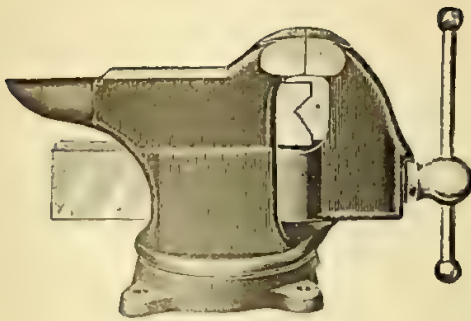
1 No. 4 Tap Wrench, 22" long.

10 Taper Taps, U. S. Std.

10 Plug Taps, S. A. E. Std.

Price\$79.00

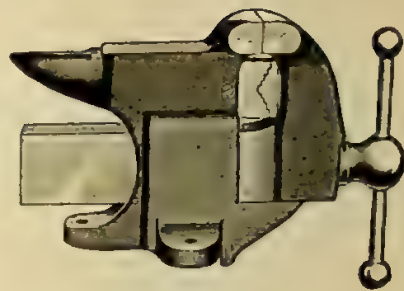
Vises



No. 240.
Swivel Base.

A Combination Pipe Vise and Anvil

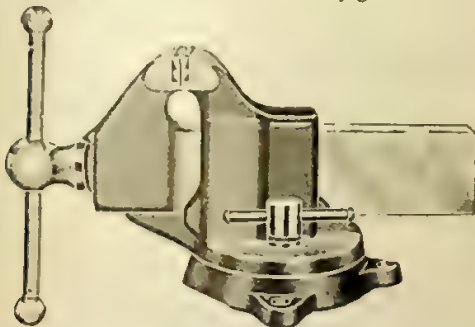
This vise is especially adapted for automobile repair work. There is nothing on the market so suitable for all kinds of repair work. This vise is very heavy, is made of same material as our other well-known types.



No. 231.
Stationary Type.

This vise is similar to the swivel type, except not so large and heavy. It has regular vise jaws for all kinds of machinists' work, pipe jaws for holding pipe and rods, and can also be used as an anvil.

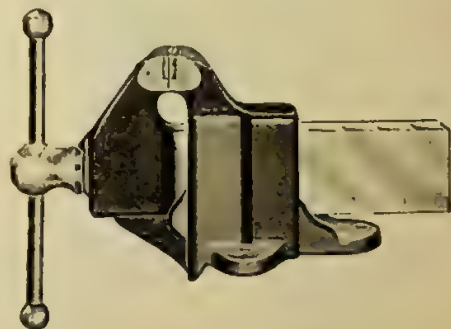
	Width Jaw	Capacity Pipe	Weight	List Vise	List Pipe Jaws
No. 231.	3 in.	$\frac{1}{8}$ to $1\frac{1}{2}$ in.	32 lbs.	\$22.00	\$3.00
No. 232.	4 in.	$\frac{1}{8}$ to 2 in.	65 lbs.	30.00	4.00
No. 240.	3 in.	$\frac{1}{8}$ to $1\frac{1}{2}$ in.	42 lbs.	28.00	3.00
No. 241.	4 in.	$\frac{1}{8}$ to 2 in.	80 lbs.	34.00	4.00



No. 71.
Diamond Swivel Base.

This is our standard swivel vise, and we believe we have the best design on the market. Notice the lines of the vise.

These vises are heavy, and the material is well distributed.

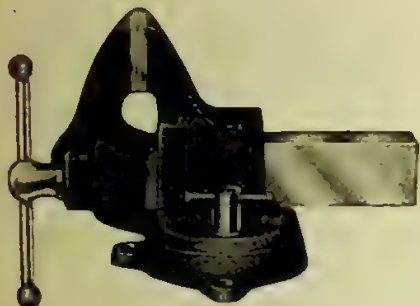


No. 91.
Diamond Stationary Type.

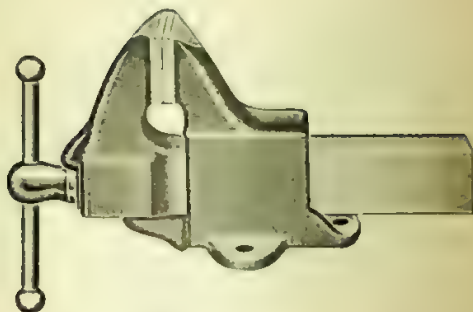
This is our standard stationary base vise. It has all the qualities of design, strength and material of the Diamond Swivel base vise.

No.	Width Jaw	Opens	Weight	List Price
No. 71.	3 in.	4 in.	28 lbs.	\$18.00
No. 73.	4 in.	6 in.	54 lbs.	25.00
No. 75.	5 in.	$7\frac{1}{2}$ in.	90 lbs.	45.00
No. 77.	6 in.	10 in.	136 lbs.	78.00
No. 91.	3 in.	4 in.	22 lbs.	15.00
No. 93.	4 in.	6 in.	42 lbs.	20.00
No. 95.	5 in.	$7\frac{1}{2}$ in.	75 lbs.	32.00
No. 97.	6 in.	10 in.	135 lbs.	61.00

Vises



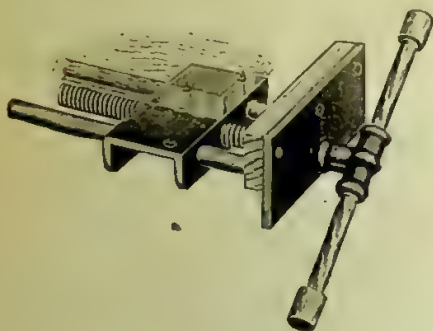
No. 155.
Swivel Wood Workers Vise.



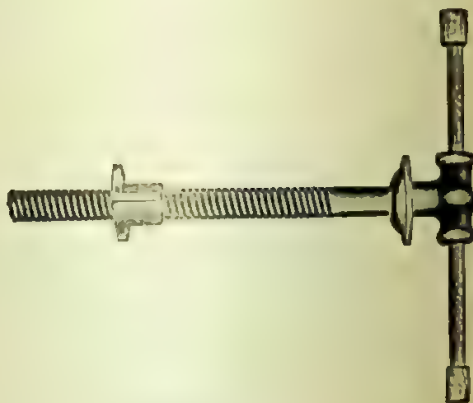
No. 151.
Stationary Wood Workers Vise.

	Width Jaw	Opens
No. 155.	4¼ in.	9 in.
No. 156.	4½ in.	11 in.
No. 151.	4¼ in.	9 in.
No. 152.	4½ in.	11 in.

Weight	List Price
53 lbs.	\$35.00
66 lbs.	38.00
48 lbs.	27.00
60 lbs.	30.00



No. 261,
Acme Wood Workers Vise



Bench Screws

Where the quick-acting feature is not wanted, this is the best vise on the market.

The screw is cold-rolled steel, front jaw is steel, frame or body is cast iron. The front jaw is faced with wood.

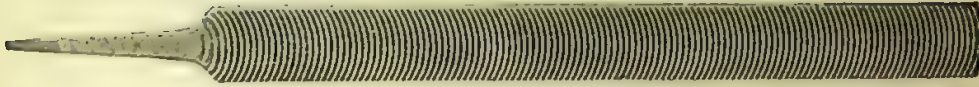
The screws are steel, castings are extra heavy, handle is hard wood. The threads are accurately cut. These Bench Screws are carefully made and are high-grade goods.

	Width Jaw	Opens	Weight	List Price
No. 261.	10 in.	9 in.	16 lbs.	\$7.00

	Diam.	Length	Weight	Each
Bench Screw— No. 1 —	1 in.	16½ in.	4½ lbs.	\$1.80
No. 1 ⅛ —	1 ⅛ in.	16½ in.	5½ lbs.	2.15
No. 1 ¼ —	1 ¼ in.	17½ in.	6½ lbs.	2.60

The "Vixen" File

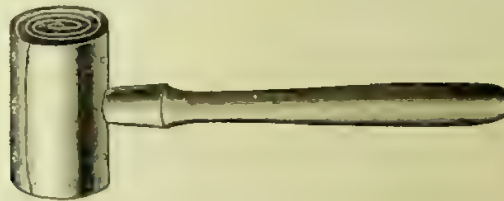
For Soft Metal



Price Per Dozen

Size	Regular	FLAT TANG		Regular	FLEXIBLE	
		Fine	Smooth		Fine	Smooth
8	\$12.90	\$15.50	\$16.90	\$14.20	\$17.10	\$18.50
10	16.10	18.80	20.10	17.80	20.70	22.10
12	19.40	22.20	23.30	21.40	24.30	25.70
14	23.30	25.90	27.10	25.70	28.50	29.90
16	27.90	30.40	31.80	30.70	33.40	34.90
18	33.70	36.30	37.50	37.00	40.00	41.20

Rawhide Mallets



Number	Diameter	Length	Weight	Price, each
4	2 inches	3 1/4 inches	10 ounces	\$2.50
5	2 1/4 inches	4 1/4 inches	22 ounces	5.50
6	2 3/4 inches	4 3/4 inches	24 ounces	6.25

Corrugated Steel Fasteners



Saw Edge Parallel.

Number of Corrugations	2	3	4	5	6	7	8
Depth, 1/4-inch ....per 1000	.90	1.20	1.50	1.80	2.20	2.60	3.00
Depth, 3/8-inch ....per 1000	1.10	1.50	1.90	2.40	2.80	3.20	3.60
Depth, 1/2-inch ....per 1000	1.20	1.70	2.10	2.60	3.00	3.60	4.20
Depth, 5/8-inch ....per 1000	1.60	2.00	2.60	3.40	3.70	4.40	5.10
Depth, 3/4-inch ....per 1000	1.80	2.30	2.90	3.70	4.30	5.00	5.80
Depth, 7/8-inch ....per 1000	2.00	2.70	3.50	4.40	5.10	6.00	6.90
Depth, 1-inch ....per 1000	2.30	2.90	3.70	4.80	5.70	6.70	7.70

Hand Taps



Taps smaller than 3/8" furnished with full size shanks, 3/8" and larger with shanks size of bottom of thread. USS threads furnished unless otherwise ordered. Left hand taps and sizes and threads not listed are subject to special prices.

SIZES AND PRICES.

Diam. of Tap, Inches	No. of Threads to the Inch Standard Pitches			U. S. Form Threads Also Furnished	Price	
	USS	SAE St'd.	Whit. St'd.		Carbon Steel Each	Each High Speed Steel
1/16	64		60	72	\$.50	
1/8	60			72	.45	
3/16	50		48	48	.40	
1/4	48				.40	
5/16	40		40	32	.35	\$.50
3/8	40				.35	
7/16	36		32	32	.35	.50
1/2	32				.35	
5/8	24		24	32	.40	.60
3/4	24		24		.40	
7/8	24		24	32	.45	.70
1	24		24		.45	
1 1/16	20	28	20	24,27,32	.45	.80
1 1/8	18	24	18	20,27,32	.50	1.00
1 1/4	16	24	16	20,27	.55	1.25
1 3/8	14	20	14	24,27	.60	1.55
1 1/2	13	20	12	12,24,27	.70	1.90
1 3/4	12	18	12	27	.80	2.30
2	11	18	11	12,27	.90	2.75
2 1/8	11	16	11		1.05	3.25
2 1/4	10	16	10	12,27	1.20	3.75
2 3/8	10		10		1.40	4.30
2 1/2	9	14,18	9	12,27	1.60	5.00
2 3/4	9		9		1.80	5.80
3	8	14	8	12,27	2.00	6.75
3 1/8	7	12	7		2.25	8.75
3 1/4	7	12	7		2.60	11.00
3 3/8	6	12	6		3.00	13.50
3 1/2	6	12	6		3.50	16.00
3 3/4	5 1/2		5		4.20	
4	5		5		5.00	
4 1/8	5		4 1/2		5.80	
4 1/4	4 1/2		4 1/2		6.70	
4 3/8	4 1/2		4 1/2		8.00	
4 1/2	4		4		9.20	
4 3/4	4		4		10.50	
5	4		4		11.50	

MACHINE SCREW TAPS.

SIZES AND PRICES.

Screw Gage No.	Basic Outside Diameter Inches	No. of Threads to the Inch		Carbon Steel		Each High Speed Steel
		St'd.	Also Furnished	Each	Per Doz.	
0	.060	80		\$0.50	\$6.00	
1	.073	72	56,64	.50	6.00	
2	.086	64	56	.45	5.40	
3	.099	56	48	.40	4.80	
4	.112	48	32,36,40	.40	4.80	\$0.50
5	.125	44	36,40	.35	4.20	.50
6	.138	40	32,36	.35	4.20	.50
7	.151	36	30,32	.35	4.20	.50
8	.164	36	30,32,40	.35	4.20	.50
9	.177	32	24,30	.35	4.20	.60
10	.190	30	24,28,32	.40	4.80	.60
12	.216	28	24,32	.45	5.40	.70
14	.242	24	20	.45	5.40	.80
16	.268	22	18,20	.45	5.40	
18	.294	20	18	.50	6.00	
20	.320	20	16,18	.50	6.00	

Standard Shop Tools



No. 10 1/2.



No. 63.

- No. 10 1/2—Adjustable Plane, 9 in. long, 2 1/8 in. Cutter.....each, \$9.30
No. 63 —Convex Bottom Spoke Shave, 9 in. long, 1 3/4 Cutter..each, 9.00



No. 455.

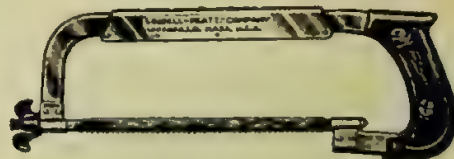


No. 20.

- No. 455—Cold Chisel, 1/2 in. point, 5 in. long.....each, \$0.50
No. 623—Cold Chisel, 5/8 in. point, 6 1/2 in. long.....each, 1.40
No. 627—Cold Chisel, 3/4 in. point, 7 in. long.....each, 1.80
No. 20—Firmer Chisels, 1/2 in. Blade.....each, 2.50
No. 20—Firmer Chisels, 5/8 in. Blade.....each, 2.50
No. 20—Firmer Chisels, 3/4 in. Blade.....each, 2.60
No. 20—Firmer Chisels, 7/8 in. Blade.....each, 2.90
No. 20—Firmer Chisels, 1 in. Blade.....each, 3.00



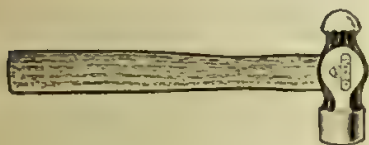
No. 02.



No. 247.

- No. 02—Adjustable Hack-Saw Frame, 8 to 12 in. Natural Steel
Finisheach, \$4.00
No. 247—Adjustable Hack-Saw Frame, 8 to 12 in. Polished and
Nickel Platedeach, 7.50

Standard Shop Tools



No. 36.



No. 12.

No. 36—Ball Pein Hammer, 8 oz., Size 000.....	each, \$1.70
No. 36—Ball Pein Hammer, 12 oz., Size 00	each, 1.70
No. 36—Ball Pein Hammer, 16 oz., Size 0	each, 1.80
No. 36—Ball Pein Hammer, 20 oz., Size 1	each, 1.90
No. 36—Ball Pein Hammer, 24 oz., Size 2	each, 2.00
No. 12—Bell Face Nail Hammer, 13 oz., Size 2	each, 2.25
No. 12—Bell Face Nail Hammer, 16 oz., Size 1 1/2	each, 2.50
No. 12—Bell Face Nail Hammer, 20 oz., Size 1	each, 2.60



No. 147.



No. 676.

No. 147—Riveting Hammer, 9 oz., Size 2.....	each, \$1.80
No. 147—Riveting Hammer, 12 oz., Size 3.....	each, 1.80
No. 147—Riveting Hammer, 15 oz., Size 4.....	each, 1.90
No. 676—Screw Driver, Steel Headed, 4 inch.....	each, .70
No. 676—Screw Driver, Steel Headed, 6 inch.....	each, 1.40
No. 676—Screw Driver, Steel Headed, 8 inch.....	each, 1.75
No. 676—Screw Driver, Steel Headed, 10 inch.....	each, 2.00



No. 185.



No. 111.

No. 185—Automatic Drill	each, \$6.75
Eight Drill Points 1/16 to 11/64 inch.	

No. 111—Spiral Ratchet Screw Driver.....	each, 4.50
Right and Left Hand Drive. Three Tool Steel Blades.	

Standard Shop Tools

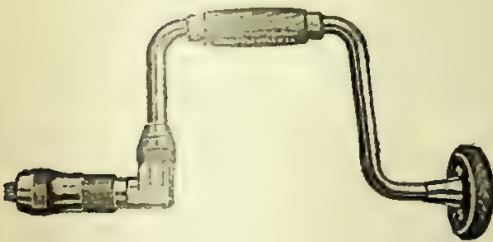


No. 901.

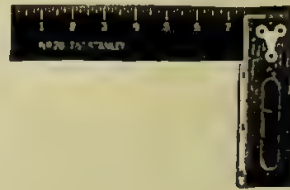


No. 5 1/2.

No. 901—Ratchet Bit Brace, 8 in. sweep.....	each, \$10.80
No. 901—Ratchet Bit Brace, 10 in. sweep.....	each, 11.00
No. 901—Ratchet Bit Brace, 12 in. sweep.....	each, 11.25
No. 5 1/2—Hand Drill, Two Speeds, Capacity No. 0 to 3/8 inch.....	each, 8.00

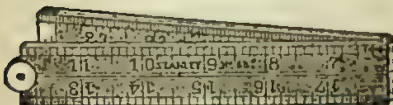


No. 7008.



No. 20.

No. 7008—Ratchet Bit Brace, 8 in. sweep.....	each, \$9.00
No. 7010—Ratchet Bit Brace, 10 in. sweep.....	each, 9.25
No. 7012—Ratchet Bit Brace, 12 in. sweep.....	each, 9.50
No. 20—Try Square, 6 in. blade.....	each, 1.30
No. 20—Try Square, 8 in. blade.....	each, 1.40
No. 20—Try Square, 10 in. blade.....	each, 1.90



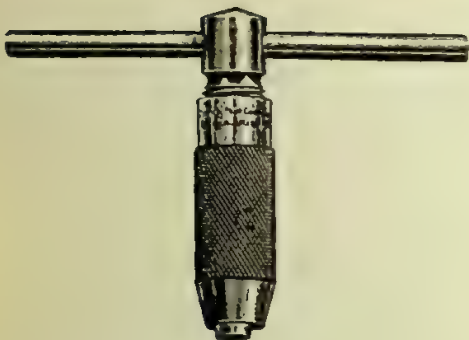
No. 68.



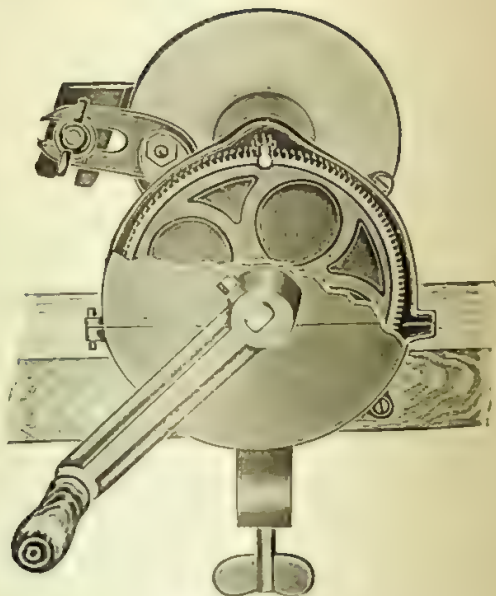
No. 106.

No. 68—Two Foot, Four Fold Boxwood Rule, 8ths and 16ths inches	each, \$0.50
No. 106—"Zig-Zag" Rules, White Enamel Finish, 6 ft. long.....	each, 1.30

Standard Shop Tools

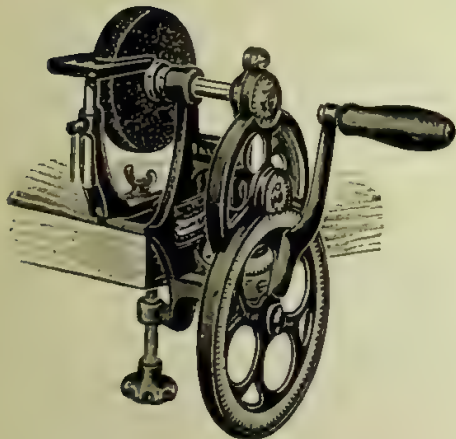


No. 88.

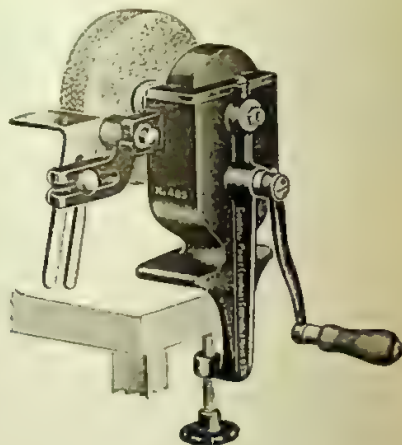


No. 1.

- No. 88—Tool or Tap Holder.....each, \$1.50
Capacity up to 7/32 inch.
- No. 1—Bench Grinder, Corundum Wheel, 4 inch diameter, 3/4 inch faceeach, 6.50
- No. 2—Bench Grinder, Corundum Wheel, 5 inch diameter, 1 inch faceeach, 9.00



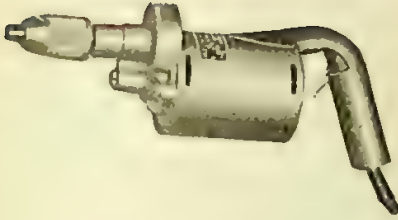
No. 109.



No. 485.

- No. 109—Bench Grinder, Abrasive Wheel, 4 inch diameter, 1 inch face, 22 revolutions to each turn of the crank.....each, \$21.50
- No. 485—High Speed Bench Grinder, Abrasive Wheel, 5 inch diameter, 1 inch face, 22 revolutions to each turn of the crank. Adjustable Work Rest.....each, 24.00

Speedway Electric Drills



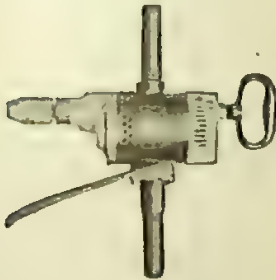
Type U. L. A.
 $\frac{1}{4}$ inch capacity.



Type U. L. B.
 $\frac{5}{16}$ inch capacity.

Type U. L. A. Speedway Drill.....each, \$40.00
Universal motor, $\frac{1}{8}$ H. P. Chuck, three jaw, self-tightening. Load speed, 1200 R. P. M.

Type U. L. B. Speedway Drill.....each, \$64.00
Universal motor, Aluminum Housing. Weight, 6 pounds. Chuck, three jaw, self-tightening. Load speed, 750 R. P. M.



Type U. C.
 $\frac{3}{8}$ inch capacity.

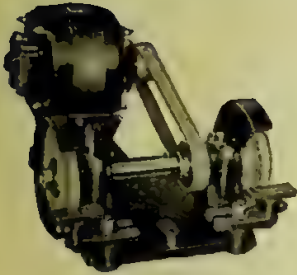


Type U. L. D.
 $\frac{1}{2}$ inch capacity.

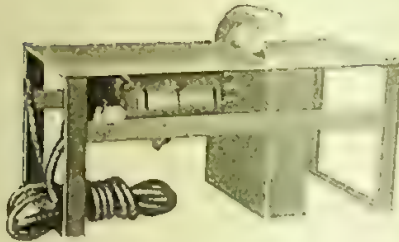
Type U. C. Speedway Drill.....each, \$150.00
Universal motor. Weight, 14 pounds. Tremendous power with minimum amount of space and weight. Furnished with Breast Plate or "D" handle, as specified. Load speed, 600 R. P. M.

Type U. L. D. Speedway Drill.....each, \$120.00
Universal motor. Weight, 12 pounds. Housing, Seamless Steel Tubing. Chuck, three jaw, self-tightening. (Morse No. 1 taper if specified). Load speed, 400 R. P. M.

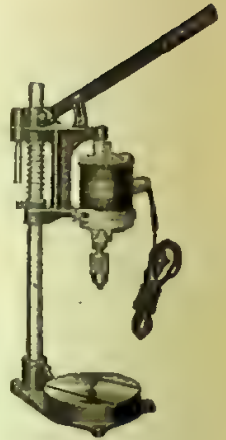
Speedway Shop Accessories



Type W. G. A. .
1/4 H. P.
Bench Grinder.



Speedway
Saw Table.



Type L-B Stand
with
U. L. B. Drill.

Type W. G. A. Bench Grinder.....each, **\$91.00**

Motor mounted behind grinding shaft. Shaft belt driven. This removes motor bearing trouble, the existing evil in all direct driven grinders. Shaft runs in Babbitt Bearings which are split and wear can be taken up. Furnished with two 4½x½ inch Grinding Wheels. Grinding speed, 3600 R. P. M. Weight, 40 pounds.

A. C. or D. C. current must be specified, together with voltage.

Type L. B. Drill Stand.....each, **\$32.00**

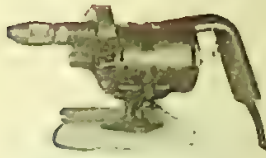
The usefulness of a portable electric drill is greatly increased with the added equipment of a drill stand as shown. With it you have a combination Portable Electric Drill and a Drill Press and the work may be taken to the drill or the drill to the work. Weight of L-B stand is 20 pounds.

Speedway Saw Table, complete.....each, **\$22.00**

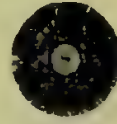
Quickly slip the drill into place and you have a 6-inch circular saw that will rip or cross-cut any lumber up to 1 inch, also bakelite, etc.

Table is accurately made of heavy sheet steel; saw blade is of very highest quality. The whole outfit is built for commercial use and will prove profitable in small job shops or a great convenience around the house.

Speedway Shop Accessories



U. L. A. Drill
in Bench Stand.



Scratch Brush.



Buffing Wheel.



Emery Wheel.

The U. L. A. Drill in the bench stand holds the drill firmly in a horizontal position. The Drill Chuck may be used with an arbor which holds a buffing wheel, grinding wheel and scratch brush. The stand may be attached to the bench and used for all kinds of small grinding, buffing, polishing, etc.

The sturdy scratch brush illustrated, is an efficient tool for cleaning rust and doing odd jobs of scraping and scratching that the ordinary soft buffer will not take care of.

The Buffing Wheel may be used for all sorts of polishing jobs in the shop, office or home.

The Grinding or Emery Wheel may be used for all general grinding. Makes quick work of sharpening tools, knives, drills and various grinding jobs so common around the shop or the home.

All of these Handy Accessories for the U. L. A. Drill come in a Standard Package.

Accessories for U. L. A. $\frac{1}{4}$ in. Drill.....pet set, \$12.00

International Electric Glue Heater

A Waterless Glue Heater and Warmer



Specifications and Prices.

Type and Code	Size	High Heat Watts	Med. Heat Watts	Low Heat Watts	Price	Extra Insets
GH—P, GUMA	1 pt.	140	37	25	\$27.00	\$5.00
GH—1, GOLA	1 qt.	245	50	40	36.00	6.00
GH—2, GAYL	2 qt.	440	75	60	45.00	7.50
GH—4, GIFO	4 qt.	640	90	75	60.00	10.00
GH—8, GADO	8 qt.	840	105	88	90.00	18.00
GH—20, GLUT	5 gal.	900	135	115	400.00	None
GH—40, GLOD	10 gal.	1500	200	150	550.00	None
GH—100, GOOK	25 gal.	2500	275	200	800.00	None

Read Carefully Before Ordering.

Voltage—In order to insure most satisfactory results, specify on your order as nearly as possible the exact voltage obtained at point where heaters are to be operated. All types and sizes will operate on either alternating or direct current.

The INTERNATIONAL Electric Glue Heater is made of heavy spun copper, without seams or soldered joints. It is designed to operate on dry heat without the use of water, and is built in sizes which make it adaptable to the requirements of all classes of shops, large and small.

Using no water in the heater, there can be no burnouts from evaporation of the "bath."

Cost of maintaining glue at the correct temperature is reduced to a minimum by the INTERNATIONAL—average operating cost for the 1-qt. size pot being only 2½ cents per day, the large INTERNATIONAL Cookers showing even greater relative economy.

Uniform temperature is maintained at all times and under all conditions. Evaporation of moisture and glue is avoided by means of a deflector type cover, making it unnecessary to add water for thinning the glue. This feature also prevents the forming of skin, scum or dirt on the glue.

The INTERNATIONAL not only keeps the glue in more perfect condition, but soon saves its cost in time, glue saved and more economical current consumption.

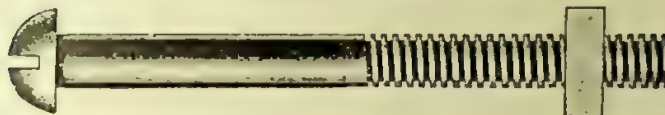
With the INTERNATIONAL you get three distinct degrees of heat—full, medium and low. The current is controlled by a three-heat dirt and moisture-proof rotary snap switch which clearly indicates the various temperatures.

*Additional insets for bench pots, used for different kinds of glue, are furnished at prices shown in the last column.

Stove Bolts



Flat Head.



Round Head.

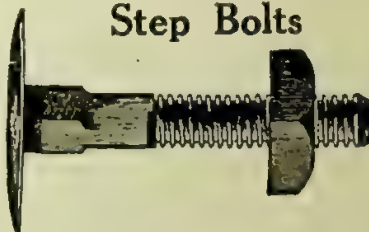
Flat and Round Head Stove Bolts.

Revised List.

Price Per Hundred.

Length Inches	Diameter, Inches				
	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$ & $\frac{3}{4}$	1	$1\frac{1}{2}$
$\frac{3}{8}$	\$0.85	\$0.85	-----	-----	-----
$\frac{1}{2}$	.85	.85	\$1.20	-----	-----
$\frac{5}{8}$	.85	.85	1.20	-----	-----
$\frac{3}{4}$	.85	.85	1.20	\$1.75	\$2.65
$\frac{7}{8}$	.90	.90	1.25	1.80	2.75
1	.90	.90	1.30	1.85	2.85
$1\frac{1}{8}$	.95	.95	1.35	1.90	2.95
$1\frac{1}{4}$	1.00	1.00	1.40	1.95	3.05
$1\frac{3}{8}$	1.05	1.05	1.45	2.00	3.15
$1\frac{1}{2}$	1.10	1.10	1.50	2.05	3.25
$1\frac{3}{4}$	1.20	1.20	1.60	2.25	3.45
2	1.30	1.30	1.70	2.45	3.85
$2\frac{1}{4}$	-----	1.45	1.85	2.60	4.05
$2\frac{1}{2}$	-----	1.60	2.00	2.75	4.25
$2\frac{3}{4}$	-----	1.70	2.10	2.90	4.45
3	-----	1.80	2.20	3.05	4.65

Step Bolts



$\frac{1}{8}$ and $\frac{1}{4}$ inch Diameter.

Length, inches	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per 100	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60

$\frac{3}{8}$ inch Diameter.

Length, inches	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$
Per 100	\$4.10	\$4.20	\$4.40	\$4.50	\$4.70	\$5.00

$\frac{1}{2}$ inch Diameter.

Length, inches	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$
Per 100	\$5.40	\$5.60	\$5.80	\$6.00	\$6.20	\$6.70

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